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PHASE I ENVIRONMENTAL SITE ASSESSMENT

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PHASE I ENVIRONMENTAL SITE ASSESSMENT

Cannon Street and Serrano Avenue Interchange Improvements

City of Orange, State of California

Prepared in General Accordance with:

ASTM E 1527-13

Standard Practice for Environmental Site Assessments

Prepared for:

City of Orange

Community Development Department

Planning Division

300 East Chapman Avenue

Orange, California 92866

By:

Michael Baker International

5 Hutton Centre Drive, Suite 500

Santa Ana, California 92707

April 2020

**PHASE I
ENVIRONMENTAL SITE ASSESSMENT**

**CANNON STREET AND SERRANO AVENUE
INTERCHANGE IMPROVEMENTS**

**City of Orange
State of California**

**Prepared in General Accordance with:
ASTM E 1527-13 Standard Practice for Environmental Site Assessments**

For:

City of Orange
Community Development Department
Planning Division
300 East Chapman Avenue
Orange, CA 92866
Attn: Kevin Yamakawa

By:

Michael Baker
I N T E R N A T I O N A L

5 Hutton Centre Drive, Suite 500
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April 17, 2020

JN 174203

April 17, 2020

JN 174203

City of Orange
Community Development Department
Planning Division
300 East Chapman Avenue
Orange, California 92866

SUBJECT: Phase I Environmental Site Assessment for the Cannon Street and Serrano Avenue Interchange Improvements Project, located in Orange, California

Dear Mr. Yamakawa,

Michael Baker International (Michael Baker), is pleased to submit this Phase I Environmental Site Assessment (ESA) for the above referenced project, herein referenced as the "subject site." The goal of this Phase I ESA is to identify recognized environmental conditions (RECs) associated with the subject site. This Phase I ESA has been prepared for the sole use of the **City of Orange**, for the above-referenced subject site. Neither this Phase I ESA, nor any of the information contained herein, shall be used or relied upon for any purpose by any person or entity other than the **City of Orange**.

The Phase I ESA was prepared using methods consistent with the ASTM International (ASTM) E 1527-13 Standard Practice for Environmental Site Assessments, the scope of services, and inherent limitations presented in our proposal. The Phase I ESA is not intended to present specific quantitative information as to the actual presence of hazardous substances on or adjacent to the subject site, but is to identify RECs based on available information.

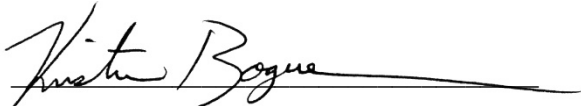
Should you or your staff have any questions or concerns after reviewing the enclosed report, please do not hesitate to contact me at 949/855-5747.

Sincerely,


Kristen Bogue
Environmental Professional
Planning/Environmental Services

STATEMENT OF ENVIRONMENTAL PROFESSIONAL

I [We] declare that, to the best of my [our] professional knowledge and belief, I[we] meet the definition of Environmental Professional as defined in §312.10 of Title 40, Code of Federal Regulations (CFR) 312 and I[we] have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I[we] have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



Signature of Michael Baker Environmental Professional
Kristen Bogue



Signature of Michael Baker Environmental Professional
Danielle Regimbal

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- Appendix C: Documentation
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LIST OF ACRONYMS

1,1,1-TCA	1,1,1-trichloroethane
AAI	All Appropriate Inquiries
ACMs	Asbestos Containing Materials
ADL	Aerially Deposited Lead
APNs	Assessor's Parcel Numbers
ASTs	Aboveground Storage Tanks
ASTM	ASTM (formerly known as American Society for Testing and Materials) International
ATSDR	Agency for Toxic Substances and Disease Registry
AULs	Activity and Use Limitations
bgs	below ground surface
CalGEM	California Department of Conservation, Geologic Energy Management Division
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System (maintained by the Environmental Protection Agency)
CFR	Code of Federal Regulations
CORRACTS	facilities subject to Corrective Action under RCRA
CPSC	United States Consumer Product Safety Commission
DDD	Dichlorodiphenyldichloroethane
DDE	Dichlorodiphenyldichloroethylene
DDT	Dichlorodiphenyltrichloroethane
DTSC	Department of Toxic Substances Control
EDR	Environmental Data Resources, Inc.
EPA	United States Environmental Protection Agency
EPCRA	Emergency Planning and Community Right to Know Act (also known as SARA Title III), 42 U.S.C. §§11001-11050 et seq.)
ERNS	emergency response notification system
ESA	Environmental Site Assessment
FEMA	Federal Emergency Management Agency
FIRM	Flood Insurance Rate Maps
FOIA	U.S. Freedom of Information Act (5 U.S.C. §552 as amended by Public Law No. 104-231, 110 Stat.)
FR	Federal Register

HREC	Historical Recognized Environmental Condition
ICs	Institutional Controls
LBP	Lead Based Paints
LUFT	Leaking Underground Fuel Tank
LUST	Leaking Underground Storage Tank
mg/kg	milligram per kilogram
µg/L	micrograms per liter
MSDS	Material Safety Data Sheet
msl	Mean sea level
MSW	Municipal solid waste
NCP	National Contingency Plan
NFRAP	former CERCLIS sites where no further remedial action is planned under CERCLA
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
PCBs	Polychlorinated Biphenyls
PCE	tetrachloroethene
pCi/L	picocuries per liter
P,P'-DDE	Dichlorodiphenyldichloroethylene
REC	Recognized Environmental Condition
RCRA	Resource Conservation and Recovery Act (as amended, 42 U.S.C. §§6901 et seq.)
ROW	Right-of-Way
RWQCB	Regional Water Quality Control Board
SBBM	San Bernardino Base and Meridian
SCS	Soil Conservation Service
SWAT	Solid waste assessment test
TPH	Total Petroleum Hydrocarbons
TRI	Toxics Release Inventory
TSDF	hazardous waste treatment, storage, or disposal facility
TTL	Total Thresholds Limit Concentration
USDA	United States Department of Agriculture
USGS	United States Geological Survey
USTs	Underground Storage Tanks

EXECUTIVE SUMMARY

Michael Baker has performed a Phase I ESA in conformance with the scope and limitations of ASTM International (ASTM) E 1527-13 Standard Practice of the Cannon Street and Serrano Avenue Interchange Improvements, City of Orange, California, the subject site. Any exceptions to, or deletions from, this practice are described in Section 1.0, *Introduction*, of this Phase I ESA. This Phase I ESA has revealed no evidence of RECs in connection with the subject site.

Section 6.1, *Findings and Opinions*, documents Michael Baker's findings and opinions as to whether or not a REC (or Conditional Recognized Environmental Condition [CREC]) is present at the subject site.

SECTION 1.0

INTRODUCTION

1.1 PURPOSE

The purpose of conducting this Phase I Environmental Site Assessment (ESA) is to identify Recognized Environmental Conditions (RECs) as defined by the ASTM International (ASTM) E 1527-13 Standard Practice for Environmental Site Assessments (Standard Practice). The ASTM E 1527-13 Standard Practice defines the term REC as “the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not RECs.”

This Phase I ESA was conducted in accordance with the ASTM E 1527-13 Standard Practice and satisfies the requirements of 40 Code of Federal Regulations (CFR) Part 312 titled *Standards and Practices for All Appropriate Inquiries*, as required under Section 101(35)(B)(ii) and (iii) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). The purpose of conducting an All Appropriate Inquiries (AAI) investigation into the previous ownership and uses of a property is to meet the provisions necessary for the innocent landowner, contiguous property owner, or bona fide prospective purchaser to qualify for certain landowner liability protections under CERCLA. To assist in understanding the terminology contained in this Phase I ESA, a glossary of terms associated with the ASTM E 1527-13 Standard Practice is provided in [Appendix A, *ASTM Terminology*](#).

1.2 DETAILED SCOPE OF SERVICES

This scope of work follows the ASTM E 1527-13 Standard Practice. The ASTM E 1527-13 Standard Practice outlines a procedure for completing Phase I ESAs that includes review of Federal, tribal, State, and local government records; site reconnaissance; interviews with current owners, operators, occupants, and government officials; and report preparation. This practice does not include any testing or sampling of materials (for example, soil, water, air, building materials, etc.). This Phase I ESA is not intended to provide specific qualitative or quantitative information as to the actual presence of hazardous substances at the subject site, but is to merely identify the potential presence based on available information.

1.3 SIGNIFICANT ASSUMPTIONS

Unless stated otherwise in this Phase I ESA, Michael Baker assumes that groundwater flow follows the topography of the subject site.

In lieu of reasonably available public information pertaining to groundwater contamination, Michael Baker assumes that potential groundwater plume dimensions are within the 90th percentile of plumes determined by research conducted as part of ASTM E 2600-10 Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions, which described in detail in Table 1-1, *Groundwater Plume Dimension Assumptions*.

**Table 1-1
Groundwater Plume Dimension Assumptions**

Chemical Contamination	Length of Plume Up-Gradient From Source	Length of Plume Down-Gradient from Source	Maximum Width of Plume From Source
Chemical of Concern	100 feet	1,760 feet	365 feet
Petroleum Hydrocarbon Chemical of Concern			
With Free Product	100 feet	528 feet	165 feet
Dissolved	100 feet	528 feet	95 feet
Notes: These dimension assumptions are based on research conducted as part of ASTM E 2600-10 Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions, which has determined that 90 percent of plumes are these dimensions or less. Source: Anthony J. Buonicore, <i>Methodology for Identifying the Area of Concern Around a Property Potentially Impacted by Vapor Migration from Nearby Contaminated Sources</i> , Paper 2011-A-301-AWMA, June 2011.			

1.4 LIMITATIONS, DEVIATIONS, AND EXCEPTIONS

The property owners associated with ROW acquisition were not interviewed at the time of this Phase I ESA. Since these properties are associated with residential uses and are not associated with hazardous materials, it is the opinion of Michael Baker that this deviation is not a significant data gap.

Michael Baker did not observe areas proposed for partial ROW acquisition (Assessor's Parcel Numbers [APNs] 370-151-12 and 370-151-13). However, as these areas are associated with residential uses and are not associated with hazardous materials, it is the opinion of Michael Baker that this deviation is not a significant data gap.

No other limitations, deviations, or exceptions were encountered during the preparation of this Phase I ESA. Further, no additional scope items, or items outside of the scope of a Phase I ESA E 1527-13 Standard Practice, were conducted as part of this Phase I ESA.

1.5 USER RESPONSIBILITIES

This Phase I ESA does not satisfy continuing obligations under CERCLA liability protections provided for innocent landowners, bona fide prospective purchasers, and contiguous property owners, which includes, but is not limited to, duties required after property acquisition (i.e., compliance with land use restrictions and institutional controls, undertaking “reasonable steps” with respect to hazardous substances releases, compliance with other obligations such as reporting obligations and information requests, etc.).

ASTM E 1527-13 Standard Practice defines the user as “the party seeking to use Practice E 1527 to complete an environmental site assessment of the property. A user may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager.” The purpose of this section is to describe tasks to be performed by the user that will help identify the possibility of recognized environmental conditions in connection with the subject site. These tasks do not require the technical expertise of an environmental professional and are not required to be performed by environmental professional performing a Phase I ESA. The user questionnaire utilized within this Phase I ESA is optional to the user and aids the environmental professional in gathering information from the user that may be material to identifying RECs (refer to [Section 2.0, *User Provided Information*](#), for a discussion of the User Questionnaire conducted as part of this Phase I ESA. It should be noted that the following tasks are required, by the user of this Phase I ESA, to satisfy the requirements of conducting all appropriate inquiries.

1.5.1 REVIEW TITLE AND JUDICIAL RECORDS FOR ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS (AULS)

To meet the requirements of 40 CFR 312.20 and 312.25, a search for the existence of environmental liens and AULs that are filed or recorded against the property must be conducted. Environmental liens and AULs are legally distinct instruments and have very different purposes and both can commonly be found within recorded land title records (e.g., County Recorder/Registry of Deeds). The types of title reports that may disclose environmental liens and AULs include Preliminary Title Reports, Title Commitments, Condition of Title, and Title Abstracts. Chain of title reports will not normally disclose environmental liens or AULs. Environmental liens and AULs that are imposed by judicial authorities may be recorded or filed in judicial records only. In jurisdictions where environmental liens or AULs are only recorded or filed in judicial records, the judicial records must be searched for environmental liens and AULs. Any environmental liens and AULs known to the user should be reported to the environmental professional conducting a Phase I

Environmental Site Assessment. Unless added by a change in the scope of work to be performed by the environmental professional (refer to Section 1.4, *Limitations, Deviations, and Exceptions*), this practice does not impose on the environmental professional the responsibility to undertake a review of recorded land title records and judicial records for environmental liens or activity and use limitations. The user should either (1) engage a title company or title professional to undertake a review of reasonably ascertainable recorded land title records and lien records for environmental liens or activity and use limitations currently recorded against or relating to the property, or (2) negotiate such an engagement of a title company or title professional as an addition to the scope of work to be performed by the environmental professional.

1.5.1.1 Reasonably Ascertainable Title and Judicial Records for Environmental Liens and Activity and Use Limitations

Environmental liens and AULs that are recorded or filed in any place other than recorded land title records are not considered to be reasonably ascertainable unless applicable Federal, tribal, State, or local statutes, or regulations specify a place other than recorded land title records for recording or filing of environmental liens and AULs.

1.5.2 SPECIALIZED KNOWLEDGE OR EXPERIENCE OF THE USER

Users must take into account their specialized knowledge to identify conditions indicative of releases or threatened releases. If the user has any specialized knowledge or experience that is material to RECs in connection with the property, the user should communicate any information based on such specialized knowledge or experience to the environmental professional. The user should do so before the environmental professional conducts the site reconnaissance.

1.5.3 ACTUAL KNOWLEDGE OF THE USER

If the user has actual knowledge of any environmental lien or AULs encumbering the property or in connection with the property, the user should communicate such information to the environmental professional. The user should do so before the environmental professional conducts the site reconnaissance.

1.5.4 REASON FOR SIGNIFICANTLY LOWER PURCHASE PRICE

In a transaction involving the purchase of a parcel of commercial real estate, the user shall consider the relationship of the purchase price of the property to the fair market value of the property if the property was not affected by hazardous substances or petroleum products. The user should try to identify an explanation for a lower price which does not reasonably reflect fair

market value if the property were not contaminated, and make a written record of such explanation. Among the factors to consider will be the information that becomes known to the user pursuant to the Phase I ESA. The ASTM E 1527-13 Standard Practice does not require that a real estate appraisal be obtained in order to ascertain fair market value of the property. The user should inform the environmental professional if the user believes that the purchase price of the property is lower than the fair market value due to contamination. The user is not required to disclose the purchase price to the environmental professional.

1.5.5 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

Commonly known or reasonably ascertainable information within the local community about the property must be taken into account by the user. If the user is aware of any commonly known or reasonably ascertainable information within the local community about the property that is material to recognized environmental conditions in connection with the property, the user should communicate such information to the environmental professional. The user should do so before the environmental professional conducts the site reconnaissance. The user must gather such information to the extent necessary to identify conditions indicative of releases or threatened releases of hazardous substances or petroleum products.

1.5.6 DEGREE OF OBVIOUSNESS

The user must consider the degree of obviousness of the presence or likely presence of releases or threatened releases at the property and the ability to detect releases or threatened releases by appropriate investigation including the information collected under the following sections within this Phase I ESA:

- Section 1.5.1, *Review Title and Judicial Records for Environmental Liens and Activity and Use Limitations (AULs)*;
- Section 1.5.2, *Specialized Knowledge or Experience of the User*;
- Section 1.5.4, *Reason for Significantly Lower Purchase Price*;
- Section 1.5.5, *Commonly Known or Reasonably Ascertainable Information*;
- Section 3.2, *Standard Environmental Records Sources*;
- Section 3.4, *Historical Use Information on the Subject Site and Adjoining Properties*;
- Section 4.0, *Site Reconnaissance*; and
- Section 5.0, *Interviews*.

1.5.7 OTHER

Either the user shall make known to the environmental professional the reason why the user wants to have the Phase I ESA performed or, if the user does not identify the purpose of the Phase I ESA, the environmental professional shall assume the purpose is to qualify for an LLP to CERCLA liability and state this in the report.

1.6 SPECIAL TERMS AND CONDITIONS

No special terms and conditions were identified for this scope of work.

1.7 USER RELIANCE

The information and opinions rendered in this Phase I ESA are exclusively for use by the City of Orange. Michael Baker will not distribute or publish this report without the consent of the City of Orange, except as required by law or court order. The information and opinions expressed in this Phase I ESA are given in response to Michael Baker's scope of services and limitations indicated above, and should be considered and implemented only in light of the scope of services and limitations. The services provided by Michael Baker in completing this Phase I ESA were consistent with normal standards of the profession. No warranty, expressed or implied, is made.

SECTION 2.0

USER PROVIDED INFORMATION

Per ASTM E 1527-13, the user of the Phase I ESA has an obligation to answer all questions posed by the User Questionnaire, in good faith, to the extent of his or her actual knowledge or to designate a key site manager to do so. If answers to questions are unknown or partially unknown to the user or such key site manager, this section shall not thereby be deemed incomplete.

The City of Orange is the user of this Phase I ESA and has provided Michael Baker with information regarding the proposed project (roadway improvements) for the subject site. The City has requested this Phase I ESA for the purpose of CEQA Environmental Clearance Documentation for the proposed Cannon Street and Serrano Avenue Interchange Improvements project. Other information/documentation provided by the City is also referenced throughout this Phase I ESA, as applicable.

2.1 PREVIOUS DOCUMENTS

The City of Orange staff, as well as Michael Baker engineers, have provided information available as part of the environmental clearance documentation, including, but not limited to:

- Reports regarding hydrogeologic conditions on the property or surrounding area; and
- Geotechnical investigation.

2.2 LITIGATION/ADMINISTRATIVE PROCEEDINGS

The user did not provide any information pertaining to any pending, threatened, or past litigation and/or administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property during the course of this Phase I ESA.

2.3 GOVERNMENTAL NOTICES

The user did not provide any information pertaining to any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products during the course of this Phase I ESA.

2.4 ENVIRONMENTAL LIENS

The user did not provide any environmental lien information during the course of this Phase I ESA.

2.5 ACTIVITY AND USE LIMITATIONS

The user did not provide any activity and use limitation information during the course of this Phase I ESA.

2.6 SPECIALIZED KNOWLEDGE OR EXPERIENCE

The user did not provide any specialized knowledge or experience related to the subject site during the course of this Phase I ESA.

2.7 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

The user did not provide any commonly known or reasonably ascertainable information during the course of this Phase I ESA.

2.8 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

The user did not report valuation reduction for environmental issues.

2.9 DEGREE OF OBVIOUSNESS

The user did not report any obvious indicators that point to the presence or likely presence of releases at the property during the course of this Phase I ESA.

2.10 REASON FOR PERFORMING PHASE I

This Phase I ESA has been requested by the City of Orange, who indicated that the Phase I ESA is required for the purpose of right-of-way (ROW) acquisition and environmental clearance documentation for the purposes of the California Environmental Quality Act (CEQA) as part of the proposed Cannon Street and Serrano Avenue Interchange Improvements Project.

SECTION 3.0

RECORDS REVIEW

3.1 PHYSICAL SETTING SOURCES

Physical setting sources typically provide information regarding geologic, hydrogeologic, hydrologic, or topographic characteristics of a property. The following information is primarily based on the review of the United States Geological Survey (USGS) *Orange, California* Quadrangle, dated 2018, and a site inspection conducted by Michael Baker on September 23, 2019. Other miscellaneous resources utilized within this section and throughout the Phase I ESA are referenced in Section 7.0, References.

3.1.1 SUBJECT SITE DESCRIPTION

3.1.1.1 Location

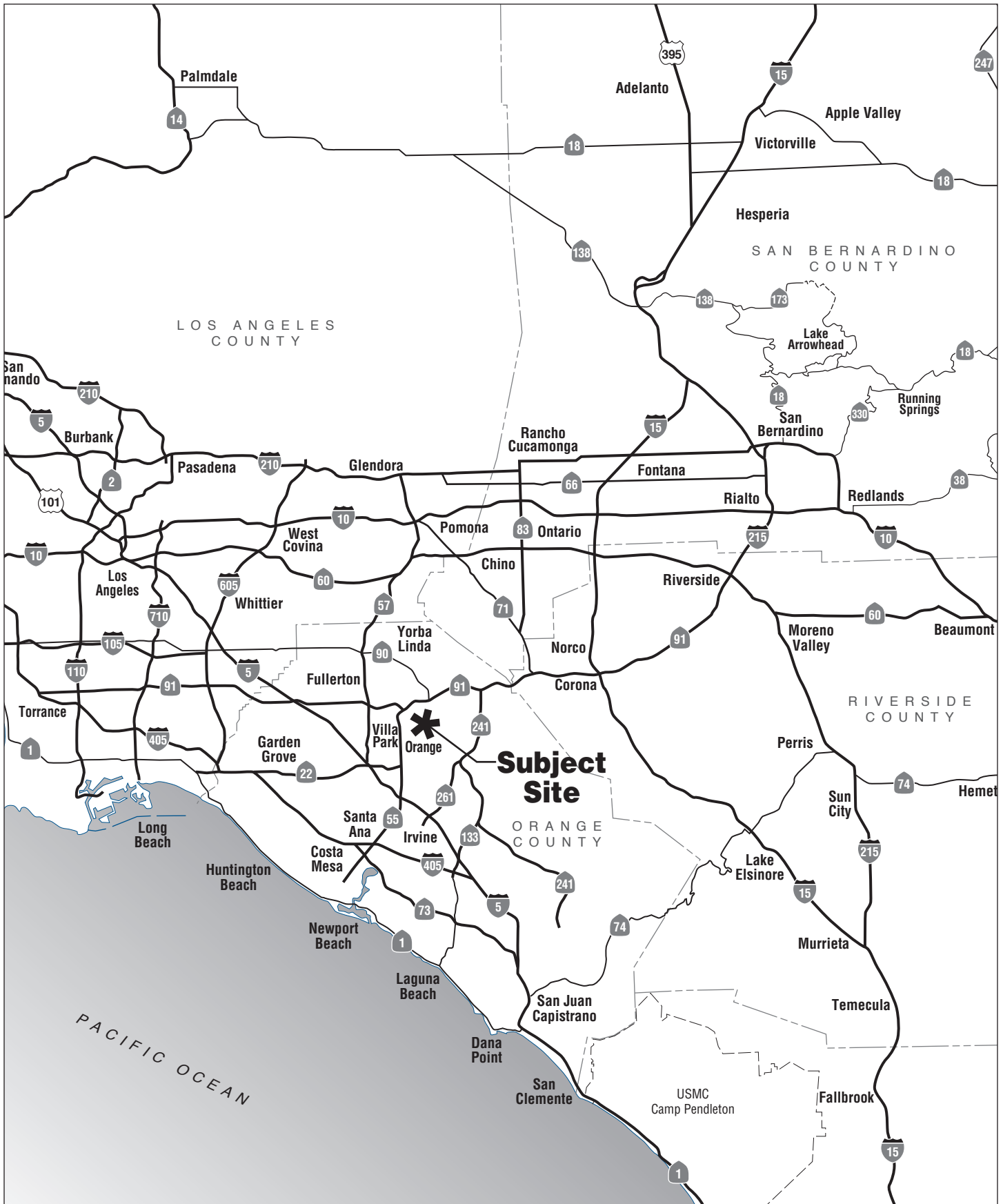
The subject site is located at the intersection of Cannon Street and Serrano Avenue within the northeastern portion of the City of Orange, County of Orange, California (Section 14, Township 4 South [T.4S], Range 9 West [R.9W], San Bernardino Base and Meridian [SBBM]) (refer to Exhibit 1, Regional Vicinity and Exhibit 2, Site Vicinity).

3.1.1.2 Current Use(s) of the Subject Site

The subject site consists of transportation uses associated with Cannon Street and Serrano Avenue; refer to Exhibit 3, Subject Site. Areas of ROW acquisition consist of residential uses.

3.1.1.3 Description of On-Site Structures and Roads

The northbound traffic lanes of Cannon Street and the westbound and eastbound traffic lanes of Serrano Avenue are located on-site. Associated curb and gutter, concrete sidewalks, an equestrian trail, ornamental landscaping, traffic control signals, and typical roadside utilities are present. Additionally, proposed partial ROW acquisition includes landscaped backyard area for two residential dwellings located along the eastern side of Cannon Street (APNs 370-151-12 [1884 N. Carlsbad Street] and 370-151-13 [1878 N. Carlsbad Street]). No habitable structures are present within the boundaries of the subject site.



CANNON STREET AND SERRANO AVENUE INTERCHANGE IMPROVEMENTS
 PHASE I ENVIRONMENTAL SITE ASSESSMENT

Regional Vicinity

NOT TO SCALE

Michael Baker
 INTERNATIONAL



03/2020 JN 174203



Source: USGS, ORANGE, CA QUADRANGLE, 2018

NOT TO SCALE

Michael Baker
INTERNATIONAL



SUBJECT SITE

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CANNON STREET AND SERRANO AVENUE INTERCHANGE IMPROVEMENTS
PHASE I ENVIRONMENTAL SITE ASSESSMENT

Site Vicinity

Exhibit 2



Source: Google Earth Pro, November 2019

NOT TO SCALE

Michael Baker
INTERNATIONAL



— Subject Site

03/2020 JN 174203

CANNON STREET AND SERRANO AVENUE INTERCHANGE IMPROVEMENTS
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Site Vicinity

Exhibit 3

3.1.2 TOPOGRAPHY

The USGS maps show geological formations and their characteristics, describing the physical setting of an area through contour lines and major surface features including lakes, rivers, streams, buildings, landmarks, and other factors that impact the spread of contamination. Additionally, the maps depict topography through color and contour lines and are helpful in determining elevations and site latitude and longitude.

Based on the USGS *Orange, California* Quadrangle, dated 2018, on-site topography is approximately 460 feet above mean sea level (msl) and slopes downgrade to the south toward Santiago Creek. The subject site appears to consist entirely of developed land. On-site roads include Cannon Street and Serrano Avenue. Surrounding uses appear to consist of developed land, transportation, and residential land uses. State Route 91 (SR-91) is located to the north and State Route 55 (SR-55) is located to the west of the subject site. The Santiago Creek is located to the south of the subject site, flowing in a southwestern direction. The Santiago Creek Recharge Basin is present along Santiago Creek, downstream, to the southwest of the subject site. No on-site structures, pits, ponds, or lagoons are noted on this topographical map.

3.1.3 CURRENT USES OF ADJOINING PROPERTIES

For the scope of this Phase I ESA, properties are defined and categorized based upon their physical proximity to the subject site. An adjoining property is considered any real property or properties the border of which is contiguous or partially contiguous with that of the subject site, or that would be contiguous or partially contiguous with that of the subject site but for a street, road, or other public thoroughfare separating them. The following is a detailed description of each adjoining land use observed on September 23, 2019:

- North: Cannon Street extends north of the subject site. Residential uses are also located to the north of the subject site.
- East: Serrano Avenue extends east of the subject site. Residential uses are also located to the east of the subject site.
- South: Cannon Street extends south of the subject site. Residential uses are also located to the south of the subject site.
- West: Residential uses are located to the west of the subject site.

3.1.4 GEOLOGIC CONDITIONS

3.1.4.1 Geology

The USGS Geological Map Index was searched by EDR for available Geological Maps that cover the subject site and surrounding areas. These Geological Maps indicate geological formations that are overlaid on a topographic map. Some maps focus on specific issues (i.e., bedrock, sedimentary rocks, etc.) while others may identify artificial fills (including landfills). Geological maps can be effective in estimating permeability and other factors that influence the spread of contamination.

According to the EDR GeoCheck Report, the subject site is located on land consisting of a stratified sequence from the Cenozoic era. According to the *City of Orange General Plan Program Environmental Impact Report*, dated March 2010, the City of Orange encompasses two general types of terrain: (1) an alluvial plain (e.g., deposits of silt, clay, gravel, or sand) that underlies the central and western portions of the City; and (2) a series of low hills (e.g., foothills of the Santa Ana Mountains) found in the eastern and northern portions of the City. Generally, the alluvial plain is underlain by many thousands of feet of fluvial and floodplain sediments. Certain areas of the plain are adjacent to major watercourses: the Santa Ana River and Santiago Creek. The low hills are underlain by bedrock (mostly Tertiary marine and nonmarine sediments).

3.1.4.2 Soils

The U.S. Department of Agriculture (USDA) Soil Conservation Service (SCS) Soil Survey Maps were searched for available soils within the subject site. Two (2) soil series, the Sorrento series and the Botella series, are located on the subject site and are described as the following (refer to [Appendix C, Documentation](#)):

- Sorrento loam, 2 to 9 percent slopes, warm MAAT, MLRA 19: The Sorrento series consists of well drained soils on floodplains and alluvial fans that formed in alluvium derived from sedimentary rocks. This soil mapping includes approximately 85 percent of Sorrento and similar soils and approximately 15 percent minor components. Minor components consist of Mocho, Botella, Pico, Garretson, and Anacapa. This soil is well drained and the runoff class is medium.
- Botella clay loam, 2 to 9 percent slopes, warm MAAT, MLRA 19: The Botella clay loam series consists of well drained soils on alluvial fans that formed in alluvium derived from sedimentary rock. This soil mapping includes approximately 90 percent of Botella and

similar soils and approximately ten percent minor components. Minor components consist of Mocho and Sorrento. This soil is well drained and the runoff class is medium.

3.1.4.3 Radon

Radon is a radioactive gas that is found in certain geologic environments and is formed by the natural breakdown of radium, which is found in the earth's crust. Radon is an invisible, odorless, inert gas that emits alpha particles, known to cause lung cancer. Radon levels are highest in basements (areas in close proximity to the soil) that are poorly ventilated. A radon survey was not included within the scope of this investigation. According to the "U.S. EPA Map of Radon Zones," the County of Orange is located within Zone 3, which has a predicted average indoor screening level of less than 2.0 picocuries per liter (pCi/L). EPA recommends remedial actions when radon levels are greater than 4.0 pCi/L.

3.1.5 BIOLOGICAL SETTING

The biotic community that exists on-site includes paved areas and ornamental landscaping.

3.1.6 DRAINAGE/HYDROLOGY

3.1.6.1 Drainage

Drainage of the subject site is accomplished by overland sheet flow into the roadway gutters and catch basins in Cannon Street and Serrano Avenue, then through the City's existing stormwater drainage system. The general area appears to sheet flow to the south toward Santiago Creek.

3.1.6.2 Flood Hazards

Flood Prone Area Maps published by the USGS show areas prone to 100-year floods overlaid on a topographical map. These maps are not considered the official Federal Emergency Management Agency (FEMA) flood maps; therefore, in cases where a property is located immediately adjacent to or within the flood prone boundary, a FEMA map should be obtained. According to the EDR Database search and the FEMA Flood Insurance Rate Maps (FIRM), the subject site is not located within a 100-year flood zone (refer to the [Appendix B, Database Records Searches](#), and [Appendix C](#)).

3.1.6.3 Groundwater

According to the *Orange County Water District, 1997 Depth to Shallowest Groundwater Map*, updated 2015, the water table on the subject site is greater than 40 feet below ground surface (bgs).

Michael Baker assumes groundwater flow would follow the slope of the ground surface elevations towards the nearest open body of water or intermittent stream. The direction of this on-site flow is expected to generally be in a southern direction towards Santiago Creek and then ultimately southwest, along Santiago Creek.

3.1.6.4 Water Wells

The USGS Well Database and State Well Database were searched by EDR. According to the EDR Well search, no water wells are located within the boundaries of the subject site. Additionally, no water wells are located within a 0.5-mile radius of the subject site (refer to the [Appendix B](#)).

3.2 STANDARD ENVIRONMENTAL RECORDS SOURCES

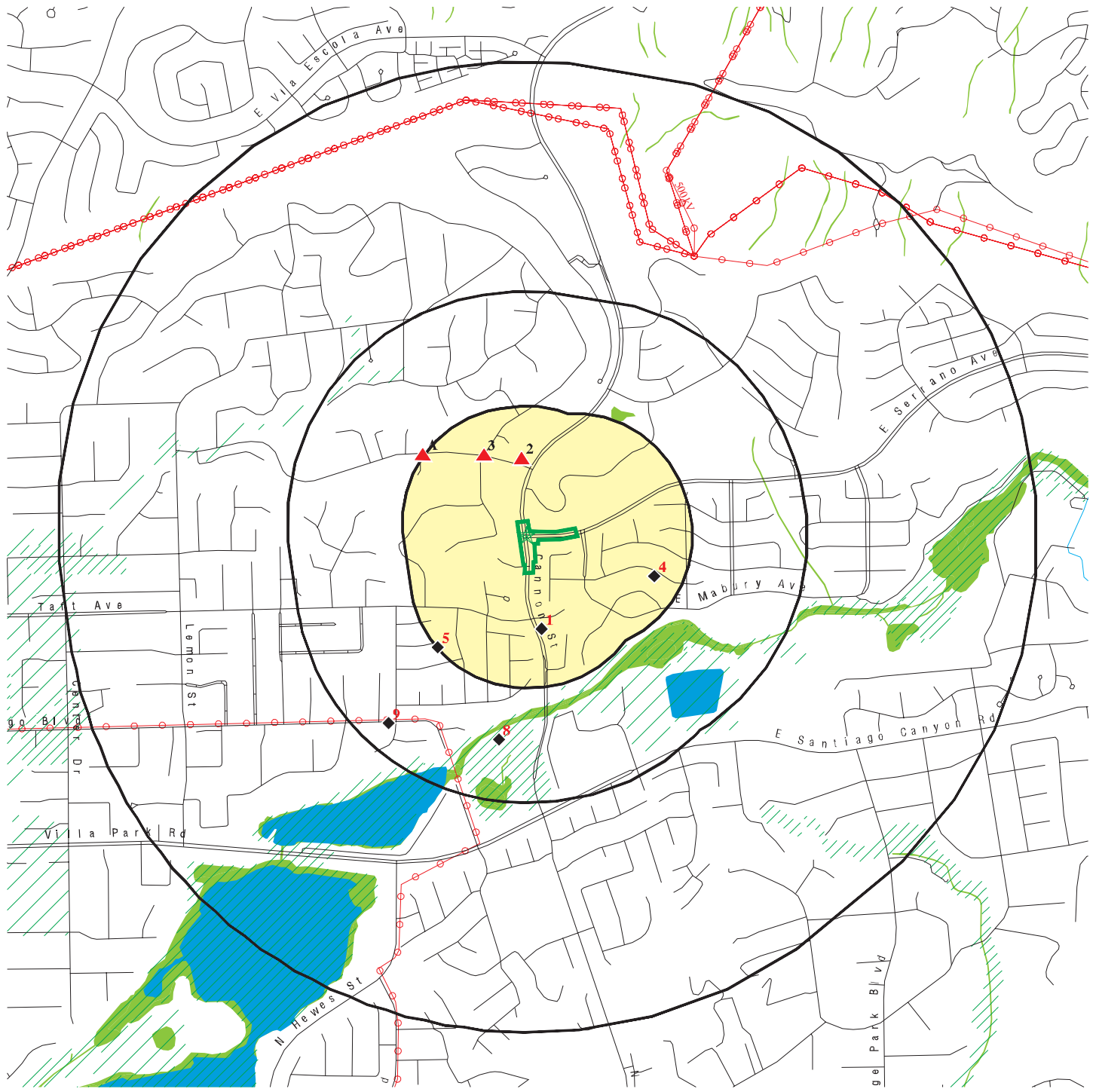
The governmental sources have been searched by EDR (at the request of Michael Baker) for sites within the subject site and within an approximate one-mile radius of the subject site boundaries. Upon completion of their search, EDR provided Michael Baker with their findings dated August 28, 2019. Michael Baker makes no claims as to the completeness or accuracy of the referenced sources. Our review of EDR's findings can only be as current as their listings and may not represent all known or potential hazardous waste or contaminated sites. To reduce the potential for omitting possible hazardous material sites on the subject site and within the surrounding area, sites may be listed in this report if there is any doubt as to the location because of discrepancies in map location, zip code, address, or other information. Refer to [Appendix B](#), for a listing and description of the Federal, tribal, State, and local records searched.














3.2.1 SUBJECT SITE

The lists that were reviewed did not report any regulatory properties within the boundaries of the subject site (refer to [Exhibit 4, Overview Map](#)). No known corrective action, restoration, or remediation has been planned, is currently taking place, or has been completed on the subject site. The subject site has not been under investigation for violation of any environmental laws, regulations, or standards, as identified in the databases reported by EDR (refer to [Appendix B](#)).

3.2.2 OFF-SITE PROPERTIES

The lists that were reviewed reported multiple listed regulatory sites located within a one mile radius of the subject site that were listed in one or more of the regulatory databases identified in [Appendix B](#). For a complete list of sites identified and their status, refer to [Appendix B](#). The following is a discussion of reported off-site properties.



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  National Priority List Sites
-  Dept. Defense Sites
-  Indian Reservations BIA
-  Power transmission lines
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory
-  State Wetlands
-  Areas of Concern

Source: EDR, Inc., 2019

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Adjoining Properties

The lists that were reviewed did not report any regulatory properties adjoining the subject site. No known corrective action, restoration, or remediation has been planned, is currently taking place, or has been completed on properties adjoining the subject site. Properties adjoining the subject site have not been under investigation for violation of any environmental laws, regulations, or standards, as identified in the databases reported by EDR (refer to [Appendix B](#)).

Adjacent Properties

The lists that were reviewed reported 9 regulatory sites adjacent to the subject site. These off-site regulatory properties are considered to have a low potential of affecting the subject site due to the distance, anticipated groundwater flow direction, and/or the status of the identified sites, with the exception of one adjacent historical landfill (Cerro Villa Heights Disposal Station #7). Refer to [Table 3-1, Database Summaries](#), for a description of regulatory databases associated with the adjacent site of concern. Refer to [Table 3-2, Identified Regulatory Sites of Concern](#), for further evaluation of the adjacent site of concern. Refer to [Appendix B](#), for a complete listing of all adjacent properties noted.

Table 3-1
Database Summaries

Database	Description
SWF/LF (SWIS)	Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.
CERS	The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials.

Table 3-2
Identified Regulatory Sites of Concern

EDR Map ID#	Site Name/Address	Direction from Subject Site	Regulatory Database	EDR Site Status	File Review ¹
2	Cerro Villa Heights Disposal Station #7 0.25-mile east of Loma Street; 1000 ft southeast of Mesa Drive	1,366 feet (0.26-mile) northeast of the subject site	SWF/LF (SWIS) CERS	Reported in the SWF/LF (SWIS) database as a historical rural, residential, and agricultural solid waste disposal site which closed in 1957. Reported as a solid waste and recycle site in the CERS database.	YES Michael Baker reviewed files maintained by the OCHCA.
Notes: OCHCA = Orange County Health Care Agency Environmental Health Division					
1. Refer to Section 3.3, File Record Reviews , for a discussion of files reviewed, if applicable.					
Source: Environmental Data Resources, Inc., <i>EDR Radius Map with GeoCheck</i> , dated August 28, 2019; refer to Appendix B, Database Records Searches .					

3.2.3 UNMAPPED PROPERTIES

According to EDR's ESA Report Desktop Reference, dated 1996, some reported sites are unmappable as exact locations remain undefined. Listings in publicly available records, which do not have adequate address information, are not generally considered practically reviewable. For the purposes of this Phase I ESA, practically reviewable is defined as information provided in a manner and in a form that yields information without the need for extraordinary analysis of irrelevant data. Although the location of these sites may be unknown, the site and detail information are often available through EDR.

Michael Baker's review of Unmapped Properties consisted of a verification, based solely on the professional judgment of the Environmental Professional, that the subject site is not listed (i.e., referenced by name or street address) and a review to identify if any of the Unmapped Properties cause a likely potential to create a REC within the boundaries of the subject site. No listed Unmapped Properties are located within the boundaries of the subject site. Additionally, no unmapped properties appear to be located within a one-mile radius of the subject site.

3.3 FILE RECORD REVIEWS

If the subject site or any of the adjoining properties are identified on one or more of the standard environmental record sources, pertinent regulatory files and/or records associated with the listing should be reviewed. The purpose of the regulatory file review is to obtain sufficient information to assist the environmental professional in determining if a REC, HREC, CREC, or a

de minimis condition exists at the property in connection with the listing. If, in the environmental professional's opinion, such a review is not warranted, the environmental professional must explain the justification for not conducting the regulatory file review.

As no commercial properties are associated with the subject site, Michael Baker did not request records with the City of Orange Fire Department or the Santa Ana Regional Water Quality Control Board (RWQCB). Michael Baker requested files for the property listed in [Table 3-2](#) from the following agencies:

- Department of Toxic Substances Control (DTSC): Michael Baker received an email from DTSC stating that no records exist for the properties requested on October 10, 2019.
- Orange County Health Care Agency Environmental Health Division (OCHCA): Michael Baker reviewed available records in person at the EHD office on November 7, 2019.

3.3.1 File Reviews Conducted

3.3.1.1 Cerro Villa Heights Disposal Station #7

This property (located approximately 1,164 feet northeast of the subject site) currently consists of vacant land. The property was formerly a refuse disposal station, operated by the County of Orange from 1947 until 1957. The disposal station accepted municipal solid waste (MSW), construction debris, and tree trimmings. Operations at the disposal station consisted of waste burning, as well as cut and cover activities. The burned landfill waste and noncombustible material was placed into a gully on the central northern section of the site. Additionally, tree trimmings were burned in trenches at the eastern edge of the site. An estimated 18,500 tons of inert cover materials (i.e., soils, rip-rap, etc.), burned wood (charcoal and ash), and noncombustible construction debris were originally emplaced at the site. The City of Orange leased the site in 1972 for park and recreational uses and eventually purchased it in 1982.

Multiple subsurface investigations have been conducted on- and off-site between 1989 and 2002 to evaluate the potential water quality and landfill gas-related impacts as a result of the former landfill. No groundwater monitoring wells were installed due to the depth of groundwater measured at approximately 350 feet bgs. The subsurface investigations indicated that the thickness of soil cover is approximately 2.5 feet and the thickness of disposed material ranges from 10 to 15 feet bgs. Results from a solid waste assessment test (SWAT) in 1992 indicated the presence of one pesticide indicative of waste (i.e., Dichlorodiphenyldichloroethylene [P,P'-DDE]), however the concentration of P,P'-DDE was below the Total Thresholds Limit Concentration (TTLC). Additionally, soil sampling results indicated that acetone was detected at 1.1 milligram

per kilogram (mg/kg). A soil gas survey in 1996 indicated the presence of 1,1,1-trichloroethane (1,1,1-TCA) at a concentration of 0.015 micrograms per liter ($\mu\text{g}/\text{L}$) and tetrachloroethene (PCE) at 0.035 $\mu\text{g}/\text{L}$. The minimal concentrations of 1,1,1-TCA and PCE detected during the soil gas survey were not expected to exceed action levels. No airborne contaminants were detected during subsurface investigations. The RWQCB issued a letter, dated May 20, 2002, stating future development at the landfill site would not impact water quality or the environment. The RWQCB closed the case on November 4, 2009. An annual Closed Disposal Site Inspection Report, dated January 26, 2016, indicated no violations or areas of concern.

3.4 HISTORICAL USE INFORMATION ON THE SUBJECT SITE AND ADJOINING PROPERTIES

The objective of consulting historical sources is to develop a history of the previous uses of the property and surrounding area, in order to help identify the likelihood of past uses having led to RECs in connection with the property. The Environmental Professional shall exercise professional judgment and consider the possible releases that might have occurred at a property in light of the historical uses and, in concert with other relevant information gathered as part of the Phase I ESA process, use this information to assist in identifying RECs (discussed in Section 6.0, *Evaluation*, of this Phase I ESA).

The standard sources identified by ASTM E 1527-13 include aerial photographs, fire insurance maps, property tax files, recorded land title records (a chain-of-title), historical USGS topographic maps, local street directories, building department records, zoning/land use records, prior assessments, and other historical sources (i.e., any source or sources, other than those listed, that are credible to a reasonable person and that identify past uses of the property). The focus is on usage rather than ownership, which is why a chain-of-title is not sufficient by itself.

3.4.1 METHODOLOGY AND LIMITING CONDITIONS

3.4.1.1 Methodology

Data failure (a subset of a data gap) occurs when all of the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the historical source review objectives have not been met.

USES OF THE PROPERTY

Per ASTM E 1527-13 Standard Practice, historical uses “shall be identified from the present, back to the property’s obvious first development use including (agricultural and fill activities), or back

to 1940, whichever is earlier.” This task requires reviewing only as many of the standard historical sources as are necessary and both reasonably ascertainable and likely to be useful.

Historical information for the subject site was obtained back to 1896, at which time the subject site consisted of vacant land. Sources reviewed have been cited throughout this section and are referenced in Section 7.0, *References*, of this Phase I ESA.

INTERVALS

Review of standard historical sources at less than approximately five year intervals is not required by ASTM E 1527-13 Standard Practice. If the specific use of the property appears unchanged over a period longer than five years, then it is not required by ASTM E 1527-13 Standard Practice to research the use during that period. Michael Baker did not encounter data failure with regard to source intervals during the course of this Phase I ESA.

USES OF PROPERTIES IN SURROUNDING AREA

Uses in the area surrounding the property shall be identified in the Phase I ESA, but this task is only required to the extent that this information is revealed in the course of researching the property itself. If the environmental professional uses sources that include the surrounding area, surrounding uses should be identified to a distance determined at the discretion of the environmental professional. Factors to consider in making this determination include, but are not limited to:

- The extent to which information is reasonably ascertainable;
- The time and cost involved in reviewing surrounding uses;
- The extent to which information is useful, accurate, and complete in light of the purpose of the records review;
- The likelihood of the information being significant to RECs in connection with the property;
- The extent to which potential concerns are obvious;
- Known hydrogeologic/geologic conditions that may indicate a high probability of hazardous substances or petroleum products migration to the property;
- How recently local development has taken place;
- Information obtained from interviews and other sources; and
- Local good commercial and customary practice.

Surrounding land uses have been noted throughout the Phase I ESA, as applicable, and are referenced accordingly.

3.4.1.2 Limiting Conditions

Michael Baker did not encounter any other conditions that limited the historical use review during the course of this Phase I ESA.

3.4.2 STANDARD HISTORICAL SOURCES

3.4.2.1 Historical Uses Summary

According to the *Orange General Plan*, beginning in the 1880s, a reliable irrigation and transportation systems fostered a surge in agricultural production in the area. Sometime between the 1880s and 1938, the subject site was developed with orchards and roadways (Cannon Street and Serrano Avenue). By the 1970s, orchard uses were replaced with residential communities. By 1977, both residential structures associated with areas of ROW acquisition were constructed. By 1985, both Cannon Street and Serrano Avenue were substantially widened. Since 1985, the subject site has remained similar to current conditions. It is noted that the adjacent landfill (approximately 0.5-mile from the subject site) was noted by 1952. Refer to [Table 3-3, *Historical Uses Summary*](#).

**Table 3-3
Historical Uses Summary**

Year	On-Site Use	Surrounding Uses	Source
1896	The subject site appears to consist of vacant land.	The surrounding area appears to consist of vacant land. Sparse structures and transportation uses are visible to the south and southwest of the subject site. Santiago Creek is noted to the south of the subject site flowing in a southwest direction.	USGS Topographic Maps
1898	No changes noted.	No changes noted.	USGS Topographic Maps
1901	No changes noted.	Development has increased to the south and southwest of the subject site.	USGS Topographic Maps
1902	No changes noted.	No changes noted.	USGS Topographic Maps
1920	No changes noted.	No changes noted.	City Directory Abstract
1921	No changes noted.	No changes noted.	City Directory Abstract
1922	No changes noted.	No changes noted.	City Directory Abstract
1925	No changes noted.	No changes noted.	City Directory Abstract
1926	No changes noted.	No changes noted.	City Directory Abstract
1930	No changes noted.	No changes noted.	City Directory Abstract
1932	No changes noted.	Development continues to increase in the surrounding area.	USGS Topographic Maps
1935	No changes noted.	Secondary highways are noted to the south of the subject site.	USGS Topographic Maps

**Table 3-3 (continued)
Historical Uses Summary**

Year	On-Site Use	Surrounding Uses	Source
1936	No listings noted on-site.	No listings reported for surrounding area.	City Directory Abstract
1938	The subject site appears to consist of unimproved roads (i.e., Cannon Street and Serrano Avenue) and orchards. The properties proposed for partial ROW acquisition (i.e., APNs 370-151-12 and 370-151-13) appear to consist of orchards.	Vacant land uses are noted adjoining the subject site to the north and west. The adjoining parcels to the east and south of the site appear to be orchards.	Aerial Photographs
1941	No changes noted.	No changes noted.	City Directory Abstract
1942	Serrano Avenue is noted as a dual highway.	Transportation has increased in the surrounding area.	USGS Topographic Maps
1945	No changes noted.	No changes noted.	City Directory Abstract
1946	No changes noted.	A structure is noted to the west of the subject site.	Aerial Photographs City Directory Abstract
1949	Cannon Street is noted as a secondary highway and Serrano Avenue is noted as a light duty road.	Residential and transportation uses have increased in the surrounding area. A pond and gravel pit are noted to the southeast of subject site.	USGS Topographic Maps
1950	No changes noted.	No changes noted.	City Directory Abstract USGS Topographic Maps
1952	No changes noted.	Cerro Villa Heights Disposal Station is noted to the northeast of the subject site.	Aerial Photographs City Directory Abstract
1955	No changes noted.	No changes noted.	City Directory Abstract
1956	No changes noted.	No changes noted.	City Directory Abstract
1960	No changes noted.	No changes noted.	City Directory Abstract
1961	No changes noted.	No changes noted.	City Directory Abstract
1963	No changes noted.	Residential development continues to increase to northwest of the subject site. Orchard infrastructure is noted to the south of the subject site.	Aerial Photographs
1964	No changes noted.	Development has significantly increased in the surrounding area. A water tank is noted to the northwest of the subject site. A well and a gravel pit are noted to the southwest of the subject site.	USGS Topographic Maps
1965	No changes noted.	No changes noted.	City Directory Abstract
1966	No changes noted.	No changes noted.	Aerial Photographs City Directory Abstract
1970	No changes noted.	No changes noted.	City Directory Abstract
1971	No changes noted.	No changes noted.	City Directory Abstract
1972	No changes noted.	Development in the City of Villa Park is noted to the west of the subject site. Orchards to the northwest and southwest of the site have been converted into residential uses.	Aerial Photographs USGS Topographic Maps
1975	No changes noted.	Roadrunner Ranch and J&R Training Stable are listed adjoining the subject site to the southeast (5610 Serrano Avenue).	City Directory Abstract

**Table 3-3 (continued)
Historical Uses Summary**

Year	On-Site Use	Surrounding Uses	Source
1977	Residential uses were constructed on-site.	Residential development continues to replace agricultural lands in the surrounding area. Orchards adjoining the subject site to the west have been replaced by a residential structure.	Aerial Photographs Property Data
1980	The property associated with partial ROW acquisition (APN 370-151-13) is listed as a residential use at 1878 Carlsbad Street.	A residential use (formerly Roadrunner Ranch and J&R Training Stable) is noted adjoining the subject site to the southeast (5610 Serrano Avenue).	City Directory Abstract
1981	The properties proposed for partial ROW acquisition appear to consist of residential uses.	Residential uses have significantly increased in the areas adjoining and adjacent to the subject site.	USGS Topographic Maps
1985	Cannon Street and Serrano Avenue have been substantially widened.	The surrounding area consists of mainly residential structures and roadways. The vacant land adjoining the northern boundary of the subject site has been converted to a residential development. The orchards adjoining the subject site to the southeast have been replaced by a residential development.	Aerial Photographs
1986	No changes noted.	A residential use is listed at 1866 North Carlsbad Street, adjoining to the subject site to the east.	City Directory Abstract
1989	No changes noted.	No changes noted.	Aerial Photographs
1991	The property associated with partial ROW acquisition (APN 370-151-12) is listed as a residential use at 1884 Carlsbad Street.	No changes noted.	City Directory Abstract
1992	No changes noted.	No changes noted.	City Directory Abstract
1995	No changes noted.	No changes noted.	City Directory Abstract
1997	No changes noted.	No changes noted.	City Directory Abstract
2001	No changes noted.	No changes noted.	City Directory Abstract
2002	No changes noted.	No changes noted.	City Directory Abstract
2005	The property associated with partial ROW acquisition (APN 370-151-13) is listed as Mortgage Group Financial Services at 1878 Carlsbad Street (residential use).	The northern segment of Cannon Street has been fully improved. Rays Auto is listed at 9821 Cannon Street (residential use), adjoining the subject site to the west. Cairney Construction Corp is listed at 1890 Carlsbad Street (residential use), adjoining the subject site to the south. Increased residential development is noted to the northeast of the subject site.	Aerial Photographs City Directory Abstract
2009	No changes noted.	No changes noted.	Aerial Photographs
2010	No changes noted.	Z Power & Distribution and Bench Testing Services Inc. are listed at 1866 North Carlsbad Street (residential use), adjoining to the subject site to the east.	City Directory Abstract

**Table 3-3 (continued)
Historical Uses Summary**

Year	On-Site Use	Surrounding Uses	Source
2012	The north-south trending roadway on the subject site is noted as Cannon Street; the east-west trending roadway on the site is noted as East Serrano Avenue.	Two fire stations are noted to the northeast and southwest of the subject site.	Aerial Photographs USGS Topographic Maps
2014	The property associated with partial ROW acquisition (APN 370-151-13) is listed as Sunrise Capital Corporation at 1878 Carlsbad Street (residential use).	Pro Stop Auto Care Center Inc. is listed at 1891 North Carlsbad Street (residential use), adjacent to the east of the subject site.	City Directory Abstract
2016	No changes noted.	No changes noted.	Aerial Photographs
Notes: Other sources reviewed, but that which did not include information pertaining to the subject site included the following: Sanborn Maps.			
Source: Refer to <u>Section 7, References</u> , and <u>Appendix C</u> , for full citation and documentation of sources utilized in this table.			

3.4.2.2 Property Tax Files

Michael Baker searched the subject site for property data via First American Real Estate Solutions and the legal description for the subject site. This data typically provides current property ownership information and includes information regarding on-site improvements, zoning, land use, transfer of last sale, and other miscellaneous structural improvements. Property information was available for the subject site via First American, RealQuest Property Data. RealQuest's property data for the subject site is included in Table 3-4, Property Data Summary (refer to Appendix C).

**Table 3-4
Property Data Summary**

Assessor Parcel Number	Acreage	Year Structure was Constructed	County Use	Land Use
370-151-12 (1884 North Carlsbad Street)	0.58 ¹	1977	Single Family Residence	Single Family Residence
370-151-13 (1878 North Carlsbad Street)	0.41 ¹	1977	Single Family Residence	Single Family Residence
Notes: 1. This acreage covers the entire APN. However, only a small portion of this acreage is on-site.				
Source: First American Real Estate Solutions, <i>RealQuest Property Data</i> , accessed on August 29, 2019.				

3.4.2.3 Zoning/Land Use Records

Zoning/land use records generally consist of records maintained by the local government in which the subject site is located. They indicate the uses permitted by the local government for particular zones within its jurisdiction. The records may consist of maps and/or written records. The *City of Orange General Plan Circulation and Mobility Element*, dated March 2010, identifies Cannon Street as a “Major Arterial,” and Serrano Avenue as a “Primary Arterial.” The Circulation Element of the *City of Villa Park General Plan Update* (Villa Park General Plan), dated December 2010, identifies Cannon Street as a “Major Arterial” within the project vicinity, and Serrano Avenue as a “Secondary Arterial.” According to the *City of Orange’s General Plan Land Use Policy Map*, dated 2010, the properties associated with ROW acquisition (APNs 370-151-12 and 370-151-13) are designated “Low Density Residential” and “Small Estate Residential.” According to the *City of Orange Zoning Map*, dated March 16, 2016, the properties associated with ROW acquisition are zoned as “Single-Family Residential”, a single-family residential district with a minimum lot area of eight thousand (8,000) square feet (R1-8).

3.4.2.4 Oil and Gas Wells

Michael Baker reviewed the California Department of Conservation, Geologic Energy Management Division's (CalGEM) online mapping application Well Finder on April 17, 2020, which indicates existing and historical oil and gas wells within the immediate vicinity of the subject site. Current well status for any well indicated in the online mapping system should be confirmed at the appropriate Division of Oil and Gas District Office. According to CalGEM, no oil gas wells are located within the boundaries of the subject site and the subject site does not appear to be located within an oil/gas field (refer to [Appendix C](#)).

3.4.2.5 Other Historical Sources

Other historical sources include miscellaneous maps, newspaper archives, and records in the files and/or personal knowledge of the property owner and/or occupants. According to the National Pipeline Mapping System, no petroleum pipelines are located within the boundaries of the subject site. No other sources were reviewed during the course of this Phase I ESA.

SECTION 4.0

SITE RECONNAISSANCE

According to the ASTM E 1527-13 Standard Practice, the objective of the site reconnaissance is to obtain information indicating the likelihood of identifying RECs in connection with the subject site.

4.1 METHODOLOGY AND LIMITING CONDITIONS

4.1.1 METHODOLOGY

Michael Baker performed a visual observation of readily accessible areas of the subject site and immediately adjoining properties on September 23, 2019. At this time, the subject site was visually inspected. Refer to Exhibit 5, *On-Site Photographs*, and Exhibit 6, *Off-Site Photographs*, for photographic documentation conducted during the site visit. The subject site was viewed from all public thoroughfares. If roads or paths with no apparent outlet are observed on the subject site, the use of the road or path was identified to determine whether it was likely to have been used as an avenue for disposal of hazardous substances or petroleum products.

4.1.2 LIMITING CONDITIONS

Michael Baker did not observe residential areas proposed for partial ROW acquisition (APNs 370-151-12 and 370-151-13). No other limiting conditions were encountered as part of Michael Baker's site reconnaissance conducted on September 23, 2019.

4.2 ON-SITE OBSERVATIONS

4.2.1 DESCRIPTION OF ON-SITE USES

The subject site consists of roadways (Cannon Street and Serrano Avenue) and residential uses.



View of Serrano Avenue in the northern portion of the subject site looking west.



View of subject site looking southeast from the intersection of Cannon Street and Serrano Avenue.



View of the equestrian trail and sidewalk along Cannon Street in the eastern portion of the subject site looking south.



View of Cannon Street in the southern portion of subject site looking north.



View of residential uses along North Carlsbad Street adjoining the subject site to the east.



View of residential uses along North Carlsbad Street adjoining the subject site to the east.



View of Serrano Avenue to the east of the subject site.



View of residential uses along Cannon Street adjoining the subject site to the west.

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Off-Site Photographs

4.2.2 DESCRIPTION OF ON-SITE STRUCTURES AND ROADS

The northbound traffic lanes of Cannon Street and the westbound and eastbound traffic lanes of Serrano Avenue are located on-site. Associated curb and gutter, concrete sidewalks, an equestrian trail, ornamental landscaping, traffic control signals, and typical roadside utilities are present. Additionally, proposed partial ROW acquisition includes landscaped backyard area for two residential dwellings located along the eastern side of Cannon Street (APNs 370-151-12 [1884 N. Carlsbad Street] and 370-151-13 [1878 N. Carlsbad Street]). No habitable structures are present within the boundaries of the subject site.

4.2.3 DESCRIPTION OF PAST USES OF THE SUBJECT SITE

Based on information reviewed as part of this Phase I ESA, past on-site uses consisted of roadways (i.e., Cannon Street and Serrano Avenue) and orchards. No evidence to suggest the presence of other past uses was noted during the September 23, 2019 site visit.

4.2.4 HAZARDOUS SUBSTANCES AND PETROLEUM PRODUCTS

Michael Baker did not observe hazardous substances or petroleum products associated with the subject site.

4.2.5 CHEMICAL STORAGE TANKS (ASTS AND USTS)

During the September 23, 2019 site inspection, the subject site was inspected for fill pipes, vent pipes, areas of abnormal or heavy staining, manways, manholes, access covers, concrete pads not homogenous with surrounding surfaces, concrete build-up areas potentially indicating pump islands, abandoned pumping equipment, or fuel pumps. Michael Baker did not observe evidence of any aboveground storage tanks (ASTs), underground storage tanks (USTs), or other chemical storage tanks within the boundaries of the subject site.

4.2.6 SPILLS

No visual or physical evidence of stained catch basins, drip pads, sumps, or stained soils was observed during the September 23, 2019, site inspection.

4.2.7 SOLID WASTE DISPOSAL

No indication of on-site solid waste disposal practices (i.e., landfills) was apparent during the September 23, 2019 site inspection.

4.2.8 UTILITIES

Typical roadside utilities (e.g., water-related utilities including stormwater drainage and irrigation utilities, sewer, and electrical utilities) were noted during the site inspection. No staining or leakage was noted with respect to on-site utilities.

4.2.8.1 Polychlorinated Biphenyls (PCBs)

No power poles or other electrical equipment were observed within the boundaries of the subject site.

4.2.8.2 Wells

No water wells were observed within the boundaries of the subject site during the September 23, 2019 site visit.

4.2.8.3 Potable Water Supply

No evidence of a potable water supply was noted during the site visit. However, the surrounding area appeared to be connected to the City's local water system.

4.2.8.4 Sewage Disposal System

Evidence of a sewage disposal system (a sewer manhole along Cannon Street) was noted on-site during the September 23, 2019 site visit. No evidence of other sewage disposal systems (including septic systems) was observed.

4.2.8.5 Heating/Cooling

Michael Baker did not observe any heating or cooling systems within the boundaries of the subject site during the September 23, 2019 site visit.

4.2.9 DRAINS AND SUMPS

Roadway curb and gutter were noted along Cannon Street and Serrano Avenue.

4.2.10 PITS, PONDS, LAGOONS

No pits, ponds, or lagoons were noted during the September 23, 2019 site visit.

4.2.11 LEAD-BASED PAINTS

Lead-based paints (LBPs) were commonly used in traffic striping materials before the discontinued use of lead chromate pigment in traffic striping/marketing materials and hot-melt Thermoplastic stripe materials (discontinued in 1996 and 2004, respectively). Traffic striping was observed along Cannon Street and Serrano Avenue during the September 23, 2019 site visit. Thus, LBPs may be present within traffic striping. However, traffic striping was noted to be in good condition.

Until 1978, when the U.S. Consumer Product Safety Commission (CPSC) phased out the sale and distribution of paint containing lead, many structures were treated with paint containing some amount of lead. The mere presence of lead in paint may not constitute a material to be considered hazardous. In fact, if in good condition (no flaking or peeling), most intact LBP is not considered to be a hazardous material. In poor condition LBPs can create a potential health hazard for building occupants, especially children. No habitable structures are located on-site; therefore, the potential for LBPs to be found on-site as a result of building materials is unlikely.

4.2.12 ASBESTOS-CONTAINING MATERIAL

Asbestos is a strong, incombustible, and corrosion resistant material, which was used in many commercial products since prior to the 1940s and up until the early 1970s. If inhaled, asbestos fibers can result in serious health problems. Asbestos containing materials (ACMs) are building materials containing more than one percent asbestos (some state and regional regulators impose a 0.1 percent threshold). No habitable structures are located on-site; therefore, the potential for ACMs to be found on-site as a result of building materials is not anticipated.

4.3 OFF-SITE OBSERVATIONS

An adjoining property is considered any real property or properties that the border of which is contiguous or partially contiguous with that of the subject site, or that would be contiguous or partially contiguous with that of the subject site but for a street, road, or other public thoroughfare separating them. An adjacent property is any real property located off-site, which is not adjoining. Visual observations of the publicly accessible portions of adjoining properties were conducted on September 23, 2019 as part of this Phase I ESA and are described below.

4.3.1 DESCRIPTION OF CURRENT AND PAST USES OF THE SURROUNDING AREA

Current uses surrounding the subject site primarily consist of residential uses. Past uses consisted of orchards. No evidence to suggest past uses was observed during the September 23, 2019 site inspection.

4.3.2 DESCRIPTION OF CURRENT USES AND STRUCTURES AT ADJOINING PROPERTIES

Adjoining uses observed included residential uses and roadways. No unusual or suspicious materials handling or storage practices were observed with respect to adjoining properties.

4.3.3 DESCRIPTION OF PAST USES AND STRUCTURES AT ADJOINING PROPERTIES

Based on available documentation obtained, off-site adjoining uses appear to have historically consisted of orchards. No evidence to suggest other past uses was observed during the September 23, 2019, site visit.

4.3.4 OBSERVATIONS OF OFF-SITE PROPERTIES

4.3.4.1 Utilities

Typical utilities (e.g., pad-mounted transformers, electrical boxes, etc.) were noted off-site during the September 23, 2019 site visit. Typical roadside utilities, including water-related utilities such as stormwater drainage and irrigation, and telephone/communication manholes, were noted adjacent to the subject site. No staining or leaking was observed with respect to off-site utilities.

4.3.4.2 Chemical Storage Tanks

No chemical storage tanks were observed in vicinity of the subject site. No unusual or suspicious materials handling or storage practices were observed on off-site properties.

4.3.4.3 Hazardous Materials

During a preliminary observation of surrounding properties on September 23, 2019, no visible physical evidence was observed to suggest that a surface release of petroleum-based material has recently occurred. No unusual or suspicious materials handling or storage practices were observed with respect to adjacent properties.

SECTION 5.0

INTERVIEWS

The ASTM E 1527-13 Standard Practice indicates that the objective of interviews is to obtain information indicating RECs in connection with the subject site. Interviews with past and present owners, operators, and occupants of the property consist of questions to be asked in the manner and of persons as described in the ASTM E 1527-13 Standard Practice. The content of questions to be asked shall attempt to obtain information about uses and conditions observed during the site reconnaissance as well as the documentation review. The content of questions to be asked of State and/or local government officials shall be decided in the discretion of the environmental professional(s) conducting the Phase I ESA, provided that the questions shall generally be directed towards identifying RECs in connection with the subject site.

5.1 PROPERTY OWNER

Due to the nature of the project (proposed roadway improvements), current and past property owners were not readily available for interview.

5.2 KEY SITE MANAGER/OPERATOR

A key site manager, identified by the property owner, is a person with good knowledge of the uses and physical characteristics of the property. Often the Key Site Manager is the property manager, the chief physical plant supervisor, or head maintenance person. If the user is the current property owner, the user has an obligation to identify a key site manager, even if it is the user himself or herself.

Due to the nature of this project (roadway improvements involving both City-owned roadway ROW and areas proposed for partial ROW acquisition [APNs 370-151-12 and 370-151-13]), City staff, Mr. Kevin Yamakawa, has been identified as the Key Site Manager/Operator. Mr. Yamakawa has provided Michael Baker with information regarding the subject site, as referenced throughout this Phase I ESA.

5.3 OCCUPANTS

There are occupants associated with the residential uses proposed for partial ROW acquisition. However, as these properties are associated with residential land uses, no interviews with occupants were conducted.

5.4 LOCAL GOVERNMENT OFFICIALS

City of Orange Department of Public Works

Michael Baker contacted Ms. Tricia Del Rio, Administrative Assistant at the Public Works Department, City of Orange, on January 3, 2020 to confirm the date of roadway traffic striping along Cannon Street and Serrano Avenue. Ms. Del Rio stated that Cannon Street and Serrano Avenue were last striped in 2015.

5.5 OTHER PERSONS

No other persons were interviewed during the course of this Phase I ESA.

SECTION 6.0

EVALUATION

Michael Baker has performed a Phase I ESA in general conformance with the scope of services and limitations of ASTM E 1527-13 Standard Practice of the Cannon Street and Serrano Avenue Interchange Improvements, City of Orange, California, also known as the subject site within this Phase I ESA. Any exceptions to, or deletions from, this practice are described in the [Section 6.3, *Limiting Conditions/Deviations*](#), of this report. This Phase I ESA has revealed the following in connection with the subject site.

6.1 FINDINGS AND OPINIONS

The following findings and opinions are based upon review of reasonable ascertainable referenced material available to Michael Baker during the preparation of this Phase I ESA, which included a review of historical aerial photographs, historical topographic maps, regulatory databases, and other documentation, as well as interviews and site reconnaissance.

6.1.1 CURRENT ON-SITE USES

The northbound traffic lanes of Cannon Street and the westbound and eastbound traffic lanes of Serrano Avenue are located on-site. Associated curb and gutter, concrete sidewalks, an equestrian trail, ornamental landscaping, traffic control signals, and typical roadside utilities are present. Additionally, proposed partial ROW acquisition includes landscaped backyard area for two residential dwellings located along the eastern side of Cannon Street (APNs 370-151-12 [1884 N. Carlsbad Street] and 370-151-13 [1878 N. Carlsbad Street]). No habitable structures are present within the boundaries of the subject site.

6.1.1.1 Lead Based Paints (Traffic Striping Material)

LBP's were commonly used in traffic striping materials before the discontinued use of lead chromate pigment in traffic striping/marketing materials and hot-melt thermoplastic stripe materials (discontinued in 1997 and 2006, respectively). Michael Baker observed traffic striping along Cannon Street and Serrano Avenue during the September 23, 2019 site visit. However, as noted in [Section 5.0, *Interviews*](#), Cannon Street and Serrano Avenue were last striped in 2015. Thus, it is the opinion of Michael Baker that, based on the age of traffic striping material (2015), no REC has resulted in this regard.

6.1.2 PAST ON-SITE USES

Based upon the evaluation of the documented land use as demonstrated in the resources reviewed as part of this Phase I ESA, the subject site appears to have historically consisted of roadways and orchards. Beginning in the 1880s, a reliable irrigation and transportation systems fostered a surge in agricultural production in the area. Sometime between the 1880s and 1938, the subject site was developed with orchards and roadways (Cannon Street and Serrano Avenue). By the 1970s, orchard uses were replaced with residential communities. By 1977, both residential structures associated with areas of ROW acquisition were constructed. By 1985, both Cannon Street and Serrano Avenue were substantially widened. Since 1985, the subject site has remained similar to current conditions. The following is a discussion of findings made in association with past on-site uses.

6.1.2.1 Past Orchards

Based on the evaluation of the documented land use (as demonstrated in the resources reviewed as part of this Phase I ESA), past orchards were developed on-site sometime between 1880 and 1938, until 1977, at which time orchards were replaced with residential uses. Past orchards are of particular concern between the 1940s through the 1960s, at which time a combination of several commonly used pesticides (i.e., DDD, DDT, DDE), which are now banned, were typically used for orchard/agricultural uses.

As the subject site historically consisted of orchards (particularly during the 1930s through 1980s), it is likely that pesticides/herbicides were historically used. However, since this time, the site has been highly disturbed for construction of residential uses. Thus, due to the highly disturbed and developed condition of this area, it is the opinion of Michael Baker that the presence of residual herbicide/pesticide contamination above regulatory thresholds in on-site soils is unlikely and no REC has resulted in this regard.

6.1.2.2 Aerially Deposited Lead

Aerially Deposited Lead (ADL) refers to lead deposited on highway shoulders from past leaded fuel vehicle emissions. According to the Caltrans ADL webpage (Caltrans 2014), although leaded fuel has been prohibited in California since the 1980's, ADL may still be present in soils adjacent to highways in use prior to that time.

Based on the review of USGS topographical maps and aerial photographs, Cannon Street and Serrano Avenue appear to have only been moderately traveled and were substantially widened

by 1985. Thus, it is the opinion of Michael Baker that elevated ADL levels are unlikely to be present along Cannon Street and Serrano Avenue and no REC has resulted in this regard.

6.1.3 CURRENT ADJOINING PROPERTIES

Adjoining uses currently consist of residential uses. The following is a discussion of findings made in association with current adjoining properties.

6.1.3.1 Residential Uses

Current adjoining residential uses were noted during the during the September 23, 2019 site visit. Residential uses are not typically associated with the handling/storage or transport of hazardous materials. Therefore, it is the opinion of Michael Baker that the current adjoining residential uses have not resulted in a REC at the time of this Phase I ESA.

6.1.4 PAST ADJOINING USES

Past adjoining properties consisted of orchards, which have since been redeveloped with residential uses. Based on the EDR regulatory database search, no regulatory properties adjoining the subject site. No known corrective action, restoration, remediation has been planned, is currently taking place, or has been completed on properties adjoining the subject site. Properties adjoining the subject site have not been under investigation for violation of any environmental laws, regulations, or standards, as identified in the databases reported by EDR. During a preliminary observation of adjoining properties from public thoroughfares, no visible or physical evidence was observed to suggest that a surface release of petroleum-based material has recently occurred. No unusual or suspicious materials handling or storage practices were observed in respect to past adjoining properties. As such, it is Michael Baker's opinion that past adjoining properties have not resulted in a REC at the time of this Phase I ESA.

6.1.5 CURRENT AND PAST ADJACENT USES

Current and past adjacent uses consist of orchards, as well as vacant land, residential uses, and a former landfill. Multiple adjacent properties were listed in multiple regulatory databases involving hazardous materials. However, based on the information reviewed as part of this Phase I ESA, no reported adjacent regulatory properties have been identified that also present a potential concern to groundwater underlying the subject site (based on distance from the subject site, direction of anticipated groundwater flow, site status, and/or no contamination has been reported), with the exception of the former landfill as discussed below.

6.1.5.1 Cerro Villa Heights Disposal Station #7

This property (located approximately 1,164 feet northeast of the subject site) currently consists of vacant land. The property was formerly a refuse disposal station, operated by the County of Orange from 1947 until 1957. The disposal station accepted MSW, construction debris, and tree trimmings. Operations at the disposal station consisted of waste burning, as well as cut and cover activities. The burned landfill waste and noncombustible material was placed into a gully on the central northern section of the site. Additionally, tree trimmings were burned in trenches at the eastern edge of the site. An estimated 18,500 tons of inert cover materials (i.e., soils, rip-rap, etc.), burned wood (charcoal and ash), and noncombustible construction debris were originally emplaced at the site. The City of Orange leased the site in 1972 for park and recreational uses and eventually purchased it in 1982.

Subsurface investigations have been conducted at this property, and off-site, between 1989 and 2002 to evaluate the potential water quality and landfill gas-related impacts as a result of this former landfill. Based on these investigations, it was determined that no methane gas was detected and methane gas does not pose an actual or potential threat to the existing residential areas surrounding the Cerro Villa Landfill. The landfill was issued closure by the RWQCB upon redevelopment as a recreational park. Given the distance of this site to the subject site (greater than 1,150 feet) and the depth to groundwater (measured at approximately 350 feet bgs), it is the opinion of Michael Baker that contaminated groundwater exceeding regulatory levels underlying the subject site, as a result of this former landfill, is unlikely and no REC has resulted at the time of this Phase I ESA.

6.1.6 DATA GAPS

A data gap is a lack of or inability to obtain information required by the ASTM E 1527-13 Standard Practice despite good faith efforts by the Environmental Professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including but not limited to site reconnaissance (for example, an inability to conduct the site visit) and interviews (for example, an inability to interview the key site manager, regulatory officials, etc.). A data gap by itself is not inherently significant. For example, if a property's historical use is not identified back to 1940 because of data failure, but the earliest source shows that the property was undeveloped, this data gap by itself would not be significant. A data gap is only significant if other information and/or professional experience raises reasonable concerns involving the data gap. For example, if a building on the property is inaccessible during the site visit, and the Environmental Professional's experience indicates that such a building often

involves activity that leads to a REC, the inability to inspect the building would be a significant data gap warranting comment.

No significant data gaps were noted during the course of the Phase I ESA. Refer to Section 6.3, *Limiting Conditions/Deviations*, below.

6.2 CONCLUSIONS

Michael Baker has performed a Phase I ESA in conformance with the scope and limitations of ASTM E 1527-13 Standard Practice of the Cannon Street and Serrano Avenue Interchange Improvements, City of Orange, California, the subject site. Any exceptions to, or deletions from, this practice are described in Section 6.3, *Limiting Conditions/Deviations*, of this Phase I ESA. This Phase I ESA has revealed no RECs in connection with the subject site.

6.3 LIMITING CONDITIONS / DEVIATIONS

The property owners associated with ROW acquisition were not interviewed at the time of this Phase I ESA. Since these properties are associated with residential uses and are not associated with hazardous materials, it is the opinion of Michael Baker that this deviation is not a significant data gap.

Michael Baker did not observe areas proposed for partial ROW acquisition (APNs 370-151-12 and 370-151-13). However, as these areas are associated with residential uses and are not associated with hazardous materials, it is the opinion of Michael Baker that this deviation is not a significant data gap.

No other limitations, deviations, or exceptions were encountered during the preparation of this Phase I ESA. Further, no additional scope items, or items outside of the scope of a Phase I ESA E 1527-13 Standard Practice, were conducted as part of this Phase I ESA.

SECTION 7.0

REFERENCES

ASTM International, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, Designation: E 1527-13.

Anthony J. Buonicore, *Methodology for Identifying the Area of Concern Around a Property Potentially Impacted by Vapor Migration from Nearby Contaminated Sources*, Paper 2011-A-301-AWMA, June 2011.

City of Orange, *City of Orange General Plan Program Environmental Impact Report*, dated March 2010.

City of Orange, *City of Orange Zoning Map*, dated March 16, 2016.

City of Orange, *Orange General Plan*, dated March 2010.

City of Orange, *Orange General Plan Circulation and Mobility Element*, dated 2010.

City of Orange, *Orange General Plan Land Use Policy Map*, dated 2010.

Department of Conservation, Geologic Energy Management Division, Online Mapping Application (CalGEM), accessed on-line on April 17, 2020, at <https://www.conservation.ca.gov/calgem/Pages/Wellfinder.aspx>

Environmental Data Resources, Inc., *EDR City Directory Abstract*, dated August 29, 2019.

Environmental Data Resources, Inc., *EDR Aerial Photo Decade Package*, dated August 29, 2019.

Environmental Data Resources, Inc., *EDR Historical Topo Map Report*, dated August 28, 2019.

Environmental Data Resources, Inc., *EDR Radius Map with GeoCheck*, dated August 28, 2019.

Environmental Data Resources, Inc., *Sanborn Fire Insurance Maps*, searched on August 28, 2019.

Federal Emergency Management Agency, National Flood Insurance Program, *Flood Insurance Rate Map*, Map Number 06059C0158J, effective date December 3, 2009, exported on September 25, 2019.

First American Real Estate Solutions, *RealQuest Property Data*, accessed on August 29, 2019.

Orange County Water District, *1997 Depth to Shallowmost Groundwater Map*, prepared November 2015.

Site Visit, conducted on September 23, 2019.

State Water Resources Control Board, *Geotracker*, <https://geotracker.waterboards.ca.gov/>, accessed January 2, 2020.

United States Department of Agriculture, Natural Resources Conservation Service, *Web Soil Survey*, accessed on-line on August 29, 2019, at <https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx>

United States Department of Transportation, National Pipeline Mapping System, National Pipeline Mapping System, accessed September 25, 2019, <https://www.npms.phmsa.dot.gov/>.

United States Environmental Protection Agency, *Map of Radon Zones*, dated 1993, accessed on-line on September 26, 2019, at <https://www.epa.gov/radon/find-information-about-local-radon-zones-and-state-contact-information#radonmap>

United States Geological Survey (USGS) *Orange, California* Quadrangle, dated 2018.

APPENDICES

**APPENDIX A:
ASTM TERMINOLOGY**

TERMINOLOGY

The following definitions and descriptions of terms are from the ASTM E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

Abandoned property – property that can be presumed to be deserted, or an intent to relinquish possession or control can be inferred from the general disrepair or lack of activity thereon such that a reasonable person could believe that there was an intent on the part of the current owner to surrender rights to the property.

Activity and use limitations – legal or physical restrictions or limitations on the use of, or access to, a site or facility: (1) to reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil, soil vapor, groundwater, and/or surface water on the property, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or engineering controls, are intended to prevent adverse impacts to individuals or populations that may be exposed to hazardous substances and petroleum products in the soil, soil vapor, groundwater, and/or surface water on the property. See Note 1.

NOTE 1 – the term AUL is taken from Guide E2091 to include both legal (that is, institutional) and physical (that is, engineering) controls within its scope. Other agencies, organizations, and jurisdictions may define or utilize these terms differently (for example, EPA and California do not include physical controls within their definitions of “institutional controls.” Department of Defense and International County/City Management Association use “Land Use Controls.” The term “land use restrictions” is used but not defined in the Brownfields Amendments).

Actual knowledge – the knowledge actually possessed by an individual who is a real person, rather than an entity. Actual knowledge is to be distinguished from constructive knowledge that is knowledge imputed to an individual or entity.

Adjoining properties – any real property or properties the border of which is contiguous or partially contiguous with that of the property, or that would be contiguous or partially contiguous with that of the property but for a street, road, or other public thoroughfare separating them.

Aerial photographs – photographs taken from an aerial platform with sufficient resolution to allow identification of development and activities of areas encompassing the property. Aerial photographs are often available from government agencies or private collections unique to a local area.

All appropriate inquiry – that inquiry constituting “all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice” as defined in CERCLA. 42 U.S.C. §9601(35)(B), that will qualify a party to a commercial real estate transaction for one of threshold criteria for satisfying the LLPs to CERCLA liability (42 U.S.C. §9601(35)(A) & (B), §9607(b)(3), §(9607(q); and §9607(r)), assuming compliance with other elements of the defense.

Approximate minimum search distance – the area for which records must be obtained and reviewed pursuant to Section 8 subject to the limitations provided in that section. This may include areas outside the property and shall be measured from the nearest property boundary. This term is used in lieu of radius to include irregularly shaped properties.

Bona fide prospective purchaser liability protection – (42 U.S.C. §9607(r) – a person may qualify as a bona fide prospective purchaser if, among other requirements, such person made “all appropriate inquiries into the previous ownership and uses of the facility in accordance with generally accepted good commercial and customary standards and practices.” Knowledge of contamination resulting from all appropriate inquiry would not generally preclude this liability protection. A person must make all appropriate inquiries on or before the date of purchase. The facility must have been purchased after January 11, 2002.

Brownfields Amendments – amendments to CERCLA pursuant to the Small Business Liability Relief and Brownfields Revitalization Act, Pub. L. No. 107-118 (2002), 42 U.S.C. §§9601 et. seq.

Building department records – those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the property. Often building department records are located in the building department of a municipality or county.

Business environmental risk – a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice. Consideration of business

environmental risk issues may involve addressing one or more non-scope considerations, some of which are identified in Section 13.

Commercial real estate – any real property except a dwelling or property with no more than four dwelling units exclusively for residential use (except that a dwelling or property with no more than four dwelling units exclusively for residential use is included in this term when it has a commercial function, as in the building of such dwellings for profit). This term includes but is not limited to undeveloped real property and real property used for industrial, retail, office, agricultural, other commercial, medical, or educational purposes: property used for residential purposes that has more than four residential dwelling units; and property with no more than four dwelling units for residential use when it has a commercial function, as in the building of such dwellings for profit.

Commercial and real estate transaction – a transfer of title to or possession of real property or receipt of a security interest in real property, except that it does not include transfer of title to or possession of real property or the receipt of a security interest in real property or the receipt of a security interest in real property with respect to an individual dwelling or building containing fewer than five dwelling units, nor does it include the purchase of a lot or lots to construct a dwelling for occupancy by a purchaser, but a commercial real estate transaction does include real property purchased or leased by persons or entities in the business of building or developing dwelling units.

Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) – the list of sites compiled by EPA that EPA has investigated or is currently investigating for potential hazardous substance contamination for possible inclusion on the National Priorities List.

Construction debris – concrete, brick, asphalt, and other such building materials discarded in the construction of a building or other improvement to property.

Contaminated public wells – public wells used for drinking water that have been designated by a government entity as contaminated by hazardous substances (for example, chlorinated solvents), or as having water unsafe to drink without treatment.

Contiguous property owner liability protection – (42 U.S.C. §9607(q) – a person may qualify for the contiguous property owner liability protection if, among other requirements, such person owns real property that is contiguous to, and that is or may be contaminated by hazardous substances from other real property that is not owned by that person. Furthermore, such person conducted all appropriate inquiries at the time of acquisition of

the property and did not know or have reason to know that the property was or could be contaminated by a release or threatened release from the contiguous property. The all appropriate inquiries must not result in knowledge of contamination. If it does, then such person did “know” or “had reason to know” of contamination and would not be eligible for the contiguous property owner liability protection. See Appendix X1 for the other necessary requirements that are beyond the scope of this practice.

Controlled recognized environmental condition – a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). (See Note 2). A condition considered by the environmental professional to be controlled recognized environmental condition shall be listed in the findings section of the Phase I Environmental Site Assessment report, and as a recognized environmental condition in the conclusions section of the Phase I Environmental Site Assessment report. (See Note 3).

Note 2 – For example, if a leaking underground storage tank has been cleaned up to a commercial use standard, but does not meet unrestricted residential cleanup criteria, this would be considered a controlled recognized environmental condition. The “control” is represented by the restriction that the property use remains commercial.

Note 3 – A condition identified as a controlled recognized environmental condition does not imply that the environmental professional has evaluated or confirmed the adequacy, implementation, or continued effectiveness of the required control that has been, or is intended to be implemented.

CORRACTS list – a list maintained by EPA of hazardous waste treatment, storage, or disposal facilities and other RCRA-regulated facilities (due to past interim status or storage of hazardous waste beyond 90 days) that have been notified by the U.S. Environmental Protection Agency to undertake corrective action under RCRA. The CORRACTS list is a subset of the EPA database that manages RCRA data.

Data failure – a failure to achieve the historical research objectives in 8.3.1 through 8.3.2.2 even after reviewing the standard historical sources 8.3.4.1 through 8.3.4.8 that are reasonably ascertainable and likely to be useful. Data failure is one type of data gap. See 8.3.2.3.

Data gap – a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to site reconnaissance (for example, an inability to conduct the site visit), and interviews (for example, an inability to interview the key site manager, regulatory officials, etc.). See 12.7.

Demolition debris – concrete, brick, asphalt, and other such building materials discarded in the demolition of a building or other improvement to property.

De minimis condition – a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis conditions are not recognized environmental conditions nor controlled recognized environmental conditions.

Drum – a container (typically, but not necessarily, holding 55 gal (208 L) of liquid) that may be used to store hazardous substances or petroleum products.

Dry wells – underground areas where soil has been removed and replaced with pea gravel, coarse sand, or large rocks. Dry wells are used for drainage, to control storm runoff, for the collection of spilled liquids (intentional and non-intentional) and wastewater disposal (often illegal).

Due diligence – the process of inquiring into the environmental characteristics of a parcel of commercial real estate or other conditions, usually in connection with a commercial real estate transaction. The degree and kind of due diligence vary for different properties and differing purposes. See Appendix X1.

Dwelling – structure or portion thereof used for residential habitation.

Engineering controls (EC) – physical modifications to a site or facility (for example, capping, slurry walls, or point of use water treatment) to reduce or eliminate the potential for exposure to hazardous substances or petroleum products in the soil or groundwater on the property. Engineering controls are a type of activity and use limitation (AUL).

Environment – environment shall have the same meaning as the definition of environment in CERCLA 42 U.S.C. § 9601 (8). For additional background information, see Legal Appendix (Appendix X1) to section XI. 1.1 “Releases and Threatened Release.”

Environmental compliance audit – the investigative process to determine if the operations of an existing facility are in compliance with applicable environmental laws and regulations. This term should not be used to describe this practice, although an environmental compliance audit may include an environmental site assessment or, if prior audits are available, may be part of an environmental site assessment.

Environmental lien – a charge, security, or encumbrance upon title to a property to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products upon a property, including (but not limited to) liens imposed pursuant to CERCLA 42 U.S.C. §§9607(1) & 9607(r) and similar state or local laws.

Environmental professional – a person meeting the education, training, and experience requirements as set forth in 40 CFR §312.10(b). For the convenience of the reader, this section is reprinted in Appendix X2. The person may be an independent contractor or an employee of the user.

Environmental site assessment (ESA) – the process by which a person or entity seeks to determine if a particular parcel of real property (including improvements) is subject to recognized environmental conditions. At the option of the user, an environmental site assessment may include more inquiry than that constituting all appropriate inquiries or, if the user is not concerned about qualifying for the LLPs, less inquiry than that constituting all appropriate inquiries. An environmental site assessment is both different from and often less rigorous than an environmental compliance audit.

ERNS list – EPA’s emergency response notification system list of reported CERCLA hazardous substance releases or spills in quantities greater than the reportable quantity, as maintained at the National Response center. Notification requirements for such releases or spills are codified in 40 CFR Parts 302 and 335.

Federal Register (FR) – publication of the United States government published daily (except for federal holidays and weekends) containing all proposed and final regulations and some other activities of the Federal Government. When regulations become final, they are included in the Code of Federal Regulations (CFR), as well as published in the Federal Register.

Fill dirt – dirt, soil, sand, or other earth, that is obtained off-site, that is used to fill holes or depressions, create mounds, or otherwise artificially change the grade or elevation or real

property. It does not include material that is used in limited quantities for normal landscaping activities.

Fire insurance maps – maps produced for private fire insurance map companies that indicate uses of properties at specified dates and that encompass the property. These maps are often available at local libraries, historical societies, private resellers, or from the map companies who produced them.

Good faith – the absence of any intention to seek an unfair advantage or to defraud another party; an honest and sincere intention to fulfill one’s obligations in the conduct or transaction concerned.

Hazardous substance – a substance defined as a hazardous substance pursuant to CERCLA 42 U.S.C. §9601(14), as interpreted by EPA regulations and the courts: “(A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title, (C) any hazardous waste having the characteristics identified under or listed pursuant to section 3001 of the Resource Conservation and Recovery Act of 1976 (RCRA), as amended, (42 U.S.C. §6921) (but not including any waste the regulation of which under RCRA (42 U.S.C. §§6901 et seq.) has been suspended by Act of Congress, (D) any toxic pollutant listed under section 1317(a) of Title 33, (E) any hazardous air pollutant listed under section 112 of the Clean Air Act (42 U.S.C. §7412), and (F) any imminently hazardous chemical substance or mixture with respect to which the Administrator (of EPA) has taken action pursuant to section 2606 of Title 15. The term does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).” (See Appendix X1.)

Hazardous waste – any hazardous waste having the characteristics identified under or listed pursuant to section 3001 of RCRA, as amended, (42 U.S.C. §6921) (but not including any waste the regulation of which under RCRA (42 U.S.C. §§6901-6992(k) has been suspended by Act of Congress). RCRA is sometimes also identified as the Solid Waste Disposal Act. RCRA defines a hazardous waste, at 42 U.S.C. §6903, as: “a solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may – (A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible, illness; or (B)

pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed.”

Hazardous waste/contaminated sites – sites on which a release has occurred, or is suspected to have occurred, of any hazardous substance, hazardous waste, or petroleum products, and that release or suspected release has been reported to a government entity.

Historical recognized environmental condition – a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a historical recognized environmental condition, the environmental professional must determine whether the past release is a recognized environmental condition at the time the Phase I Environmental Site Assessment is conducted (for example, if there has been a change in the regulatory criteria). If the EP considers the past release to be a recognized environmental condition at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a recognized environmental condition.

IC/EC registries – databases of institutional controls or engineering controls that may be maintained by a federal, state or local environmental agency for purposes of tracking sites that may contain residual contamination and AULs. The names for these may vary from program to program and state to state, and include terms such as Declaration of Environmental Use Restriction database (Arizona), list of “deed restrictions” (California), environmental real covenants list (Colorado), brownfields site list (Indiana, Missouri, Pennsylvania), and the Pennsylvania Activity and Use Limitation (PA AUL) Registry.

Innocent landowner defense – (42 U.S.C. §§9601(35) and 9607(b)(3)) – a person may qualify as one of three types of innocent landowners: (i) a person who “did not know and had no reason to know” that contamination existed on the property at the time the purchaser acquired the property; (ii) a government entity which acquired the property by escheat, or through any other involuntary transfer or acquisition, or through the exercise of eminent domain authority by purchase or condemnation; and (iii) a person who “acquired the facility by inheritance or bequest.” To qualify for the first type of innocent landowner defense, such person must have made all appropriate inquiries on or before the date of purchase. Furthermore, the all appropriate inquiry must not have resulted in knowledge of the contamination. If it does, then such person did “know” or “had reason to know” of contamination and would not be eligible for the innocent landowner defense. See

Appendix X1 for the other necessary requirements that are beyond the scope of this practice.

Institutional controls (IC) – a legal or administrative restriction (for example, “deed restrictions,” restrictive covenants, easements, or zoning) on the use of, or access to, a site or facility to (1) reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil or groundwater on the property, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. An institutional control is a type of Activity and Use Limitation (AUL).

Interviews – those portions of this practice that are contained in Section 10 and 11 thereof and address questions to be asked of past and present owners, operators, and occupants of the property and questions to be asked of local government officials.

Key site manager – the person identified by the owner or operator of a property as having good knowledge of the uses and physical characteristics of the property. See 10.5.1.

Landfill – a place, location, tract of land, area, or premises used for the disposal of solid wastes as defined by state solid waste regulations. The term is synonymous with the term solid waste disposal site and is also known as a garbage dump, trash dump, or similar term.

Landowner Liability Protections (LLPs) – landowner liability protections under CERCLA; these protections include the bona fide prospective purchaser liability protection, contiguous property owner liability protection, and innocent landowner defense from CERCLA liability. See 42 U.S.C. §§9601(35)(A), 9601(40), 9607(b), 9607(q), 9607(r).

Local government agencies – those agencies of municipal or county government having jurisdiction over the property. Municipal and county government agencies include but are not limited to cities, parishes, townships, and similar entities.

Local street directories – directories published by private (or sometimes government) sources that show ownership, occupancy, and/or use of sites by reference to street addresses. Often local street directories are available at libraries, or historical societies, and/or local municipal offices. See 8.3.4.6 of this practice.

LUST sites – state lists of leaking underground storage tank sites. RCRA gives EPA and states, under cooperative agreements with EPA, authority to clean up releases from UST systems or require owners and operators to do so. (42 U.S.C. §6991b).

Major occupants – those tenants, subtenants, or other persons or entities each of which uses at least 40% of the leasable area of the property or any anchor tenant when the property is a shopping center.

Material safety data sheet (MSDS) – written or printed material concerning a hazardous substance which is prepared by chemical manufacturers, importers, and employers for hazardous chemicals pursuant to OSHA’s Hazard Communication Standard, 29 C.F.R. §1910.1200.

Material threat – A physically observable or obvious threat which is reasonably likely to lead to a release that, in the opinion of the environmental professional, is threatening and might result in impact to public health or the environment. An example might include an aboveground storage tank system that contains a hazardous substance and which shows evidence of damage. The damage would represent a material threat if it is deemed serious enough that it may cause or contribute to tank integrity failure with release of contents to the environment.

Migrate/migration – for the purposes of this practice, “migrate” and “migration” refers to the movement of hazardous substances or petroleum products in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface. See Note 4.

Note 4 – Vapor migration in the subsurface is described in Guide E2600; however, nothing in this practice should be construed to require application of the Guide E2600 standard to achieve compliance with all appropriate inquiries.

National Contingency Plan (NCP) – the National Oil and Hazardous Substances Pollution Contingency Plan, found at 40 C.F.R. Part 300, that is the EPA’s blueprint on how hazardous substances are to be cleaned up pursuant to CERCLA.

National Priorities List (NPL) – list compiled by EPA pursuant to CERCLA 42 U.S.C. §9605(a)(8)(B) of properties with the highest priority for cleanup pursuant to EPA’s Hazard Ranking System. See 40 C.F.R. Part 300.

Obvious – that which is plain or evident; a condition or fact that could not be ignored or overlooked by a reasonable observer while visually or physically observing the property.

Occupants – those tenants, subtenants, or other persons or entities using the property or a portion of the property.

Operator – the person responsible for the overall operation of a facility.

Other historical sources – any source or sources other than those designated in Sections 8.3.4.1 through 8.3.4.8 that are credible to a reasonable person and that identify past uses of the property. The term includes, but is not limited to: miscellaneous maps, newspaper archives, internet sites, community organizations, local libraries, historical societies, current owners or occupants of neighboring properties, and records in the files and/or personal knowledge of the property owner and/or occupants. See 8.3.4.9.

Owner – generally the fee owner of record of the property.

Petroleum exclusion – the exclusion from CERCLA liability provided in 42 U.S.C. §9601(14), as interpreted by the courts and EPA: “The term (hazardous substance) does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).”

Petroleum products – those substances included within the meaning of the petroleum exclusion to CERCLA, 42 U.S.C. §9601(14), as interpreted by the courts and EPA, that is: petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under Subparagraphs (A) through (F) of 42 U.S.C. §9601(14), natural gas, natural gas liquids, liquefied natural gas, and synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas). (The word fraction refers to certain distillates of crude oil, including gasoline, kerosene, diesel oil, jet fuels, and fuel oil, pursuant to Standard Definitions of Petroleum Statistics.)

Phase I Environmental Site Assessment – the process described in this practice.

Physical setting sources – sources that provide information about the geologic, hydrogeologic, hydrologic, or topographic characteristics of a property. See 8.2.4.

Pits, ponds, or lagoons – man-made or natural depressions in a ground surface that are likely to hold liquids or sludge containing hazardous substances or petroleum products. The likelihood of such liquids or sludge being present is determined by evidence of factors

associated with the pit, pond, or lagoon, including, but not limited to, discolored water, distressed vegetation, or the presence of an obvious wastewater discharge.

Practically reviewable – information that is practically reviewable means that the information is provided by the source in a manner and in a form that, upon examination, yields information relevant to the property without the need for extraordinary analysis of irrelevant data. The form of the information shall be such that the user can review the records for a limited geographic area. Records that cannot be feasibly retrieved by reference to the location of the property or a geographic area in which the property is located are not generally practically reviewable. Most databases of public records are practically reviewable if they can be obtained from the source agency by the county, city, zip code, or other geographic area of the facilities listed in the record system. Records that are sorted, filed, organized, or maintained by the source agency only chronologically are not generally practically reviewable. Listings in publicly available records which do not have adequate address information to be located geographically are not generally considered practically reviewable. For large databases with numerous records (such as RCRA hazardous waste generators and registered underground storage tanks), the records are not practically reviewable unless they can be obtained from the source agency in the smaller geographic area of zip codes. Even when information is provided by zip code for some large databases, it is common for an unmanageable number of sites to be identified within a given zip code. In these cases, it is not necessary to review the impact of all of the sites that are likely to be listed in any given zip code because that information would not be practically reviewable. In other words, when so much data is generated that it cannot be feasibly reviewed for its impact on the property, it is not practically reviewable.

Property – the real property that is the subject of the environmental site assessment described in this practice. Real property includes buildings and other fixtures and improvements located on the property and affixed to the land.

Property tax files – the files kept for property tax purposes by the local jurisdiction where the property is located and may include records of past ownership, appraisals, maps, sketches, photos, or other information that is reasonably ascertainable and pertaining to the property. See 8.3.4.3.

Publicly available – information that is publicly available means that the source of the information allows access to the information by anyone upon request.

RCRA generators – those persons or entities that generate hazardous wastes, as defined and regulated by RCRA.

RCRA generators list – list kept by EPA of those persons or entities that generate hazardous wastes as defined and regulated by RCRA.

RCRA TSD facilities – those facilities on which treatment, storage, and/or disposal of hazardous wastes takes place, as defined and regulated by RCRA.

RCRA TSD facilities list – list kept by EPA of those facilities on which treatment, storage, and/or disposal of hazardous wastes takes place, as defined and regulated by RCRA.

Reasonably ascertainable – information that is (1) publicly available, (2) obtainable from its source within reasonable time and cost constraints, and (3) practically reviewable.

Recognized environmental conditions – the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions.

Recorded land title records – records of historical fee ownership, which may include leases, land contracts, and AULs on or of the property recorded in the place where land title records are, by law or custom, recorded for the local jurisdiction in which the property is located. (Often such records are kept by a municipal or county recorder or clerk.) Such records may be obtained from title companies or directly from the local government agency. Information about the title to the property that is recorded in a U.S. district court or any place other than where land title records are, by law or custom, recorded for the local jurisdiction in which the property is located, are not considered part of recorded land title records. See 8.3.4.4.

Records of emergency release notifications EPCRA – (42 U.S.C. §11004) – requires operators of facilities to notify their local emergency planning committee (as defined in EPCRA) and state emergency response commission (as defined in EPCRA) and state emergency response commission (as defined in EPCRA) of any release beyond the facility’s boundary of any reportable quantity of any extremely hazardous substance. Often the local fire department is the local emergency planning committee. Records of such notifications are “Records of Emergency Release Notifications” (42 U.S.C. 11004).

Records review – that part that is contained in Section 8 of this practice which addresses records shall or may be reviewed.

Release – a release of any hazardous substance or petroleum product shall have the same meaning as the definition of “release” in CERCLA 42 U.S.C. § 9601(22)). For additional background information, see Legal Appendix (Appendix X1) to X1.1.1 “Releases and Threatened Release.”

Report – the written report prepared by the environmental professional and constituting part of a “Phase I Environmental Site Assessment,” as required by this practice.

Site reconnaissance – that part that is contained in Section 9 of this practice and addresses what should be done in connection with the site visit. The site reconnaissance includes, but is not limited to, the site visit done in connection with such a Phase I Environmental Site Assessment.

Site visit – the visit to the property during which observations are made constituting the site reconnaissance section of this practice.

Solid waste disposal site – a place, location, tract of land, area, or premises used for the disposal of solid wastes as defined by state solid waste regulations. The term is synonymous with the term landfill and is also known as a garbage dump, trash dump, or similar term.

Solvent – a chemical compound that is capable of dissolving another substance and may itself be a hazardous substance, used in a number of manufacturing/industrial processes including but not limited to the manufacture of paints and coatings for industrial and household purpose, equipment clean-up, and surface degreasing in metal fabricating industries.

Standard environmental record sources – those records specified in Section 8.2.1.

Standard historical sources – those sources of information about the history of uses of property specified in Section 8.3.4.

Standard physical setting source – a current (USGS 7.5 Minute Topographic Map (if any) showing the area on which the property is located.

Standard practice – the activities set forth in this practice.

Standard sources – sources of environmental, physical setting, or historical records specified in section 8 of this practice.

State registered USTs – state lists of underground storage tanks required to be registered under Subtitle I, Section 9002 of RCRA.

Sump – a pit, cistern, cesspool, or similar receptacle where liquids drain, collect, or are stored.

TSD facility – treatment, storage, or disposal facility (see RCRA TSD facilities).

Underground injection – the emplacement or discharge of fluids into the subsurface by means of a well, improved sinkhole, sewage drain hole, subsurface fluid distribution system or other system, or groundwater point source.

Underground storage tank (UST) – any tank, including underground piping connected to the tank, that is or has been used to contain hazardous substances or petroleum products and the volume of which is 10% or more beneath the surface of the ground.

User – the party seeking to use Practice E1527 to complete and environmental site assessment of the property. A user may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager. The user has specific obligations for completing a successful application of this practice as outlined in Section 6.

USGS 7.5 Minute Topographic Map – the map (if any) available from or produced by the United States Geological Survey entitled “USGS 7.5 Minute Topographic Map,” and showing the property.

Visually and/or physically observed – during a site visit pursuant to this practice, this term means observations made by vision while walking through a property and the structures located on it and observations made by the sense of smell, particularly observations of noxious or foul odors. The term “walking through” is not meant to imply that disabled persons who cannot physically walk may not conduct a site visit; they may do so by the means at their disposal for moving through the property and the structures located on it.

Wastewater – water that (1) is or has been used in an industrial or manufacturing process, (2) conveys or has convey sewage, or (3) is directly related to manufacturing, processing, or raw materials storage areas at an industrial plant. Wastewater does not include water originating on or passing through or adjacent to a site, such as stormwater flows, that has

not been used in industrial or manufacturing processes, has not been combined with sewage, or is not directly related to manufacturing, processing, or raw materials storage areas at an industrial plant.

Zoning/land use records – those records of the local government in which the property is located indicating the uses permitted by the local government in particular zones within its jurisdiction. The records may consist of maps and/or written records. They are often located in the planning department of a municipality or county. See 8.3.4.8.

**APPENDIX B:
DATABASE RECORDS SEARCHES**

Cannon Street at Serrano Avenue Intersection

1884 N Carlsbad St

Orange, CA 92867

Inquiry Number: 5770332.2s

August 28, 2019

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
 Please contact EDR at 1-800-352-0050
 with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1884 N CARLSBAD ST
ORANGE, CA 92867

COORDINATES

Latitude (North): 33.8202960 - 33° 49' 13.06"
Longitude (West): 117.7959640 - 117° 47' 45.47"
Universal Transverse Mercator: Zone 11
UTM X (Meters): 426337.5
UTM Y (Meters): 3742322.0
Elevation: 472 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5641308 ORANGE, CA
Version Date: 2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140515, 20140513, 20140514
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
 1884 N CARLSBAD ST
 ORANGE, CA 92867

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	SCE SERRANO SUBSTATI	5925 CARVER LANE	RCRA-LQG, FINDS, ECHO	Lower	652, 0.123, South
2	CERRO VILLA HEIGHTS	1/4 MI E OF LOMA ST	SWF/LF, CERS	Higher	726, 0.138, North
3	CERRO VILLA	MESA DR & LOMA	WMUDS/SWAT	Higher	867, 0.164, NNW
4	LIDA ROUHIZAD	5828 E CRATER LAKE	RCRA NonGen / NLR	Lower	992, 0.188, ESE
5	WILENSKY, HIROKO	5020 E. LAKESIDE AVE	RCRA NonGen / NLR	Lower	1313, 0.249, SW
A6	PRIVATE RESIDENCE	PRIVATE RESIDENCE	LUST, CERS	Higher	1339, 0.254, NW
A7	VACANT PARCEL/OAKHIL	19024 MESA	LUST, HIST CORTESE	Higher	1493, 0.283, NW
8	VILLA PARK (LOMA STR	ORANGE CO. DISP. SIT	SWF/LF, CERS	Lower	1935, 0.366, South
9	ORANGE COUNTY FIRE S	5020 SANTIAGO BLVD	SWEEPS UST, CA FID UST, HIST CORTESE	Lower	2323, 0.440, SW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

EXECUTIVE SUMMARY

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

State- and tribal - equivalent CERCLIS

ENVIROSTOR..... EnviroStor Database

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

CPS-SLIC..... Statewide SLIC Cases

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

UST..... Active UST Facilities

AST..... Aboveground Petroleum Storage Tank Facilities

INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Program Properties

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Considered Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY..... Recycler Database

HAULERS..... Registered Waste Tire Haulers Listing

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

ODI..... Open Dump Inventory

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register

HIST Cal-Sites..... Historical Calsites Database

SCH..... School Property Evaluation Program

EXECUTIVE SUMMARY

CDL.....	Clandestine Drug Labs
CERS HAZ WASTE.....	CERS HAZ WASTE
Toxic Pits.....	Toxic Pits Cleanup Act Sites
US CDL.....	National Clandestine Laboratory Register
PFAS.....	PFAS Contamination Site Location Listing

Local Lists of Registered Storage Tanks

SWEEPS UST.....	SWEEPS UST Listing
HIST UST.....	Hazardous Substance Storage Container Database
CERS TANKS.....	California Environmental Reporting System (CERS) Tanks
CA FID UST.....	Facility Inventory Database

Local Land Records

LIENS.....	Environmental Liens Listing
LIENS 2.....	CERCLA Lien Information
DEED.....	Deed Restriction Listing

Records of Emergency Release Reports

HMIRS.....	Hazardous Materials Information Reporting System
CHMIRS.....	California Hazardous Material Incident Report System
LDS.....	Land Disposal Sites Listing
MCS.....	Military Cleanup Sites Listing
Orange Co. Industrial Site.....	List of Industrial Site Cleanups
SPILLS 90.....	SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS.....	Formerly Used Defense Sites
DOD.....	Department of Defense Sites
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR.....	Financial Assurance Information
EPA WATCH LIST.....	EPA WATCH LIST
2020 COR ACTION.....	2020 Corrective Action Program List
TSCA.....	Toxic Substances Control Act
TRIS.....	Toxic Chemical Release Inventory System
SSTS.....	Section 7 Tracking Systems
ROD.....	Records Of Decision
RMP.....	Risk Management Plans
RAATS.....	RCRA Administrative Action Tracking System
PRP.....	Potentially Responsible Parties
PADS.....	PCB Activity Database System
ICIS.....	Integrated Compliance Information System
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS.....	Material Licensing Tracking System
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
RADINFO.....	Radiation Information Database
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees

EXECUTIVE SUMMARY

INDIAN RESERV.	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
FINDS	Facility Index System/Facility Registry System
UXO	Unexploded Ordnance Sites
DOCKET HWC	Hazardous Waste Compliance Docket Listing
ECHO	Enforcement & Compliance History Information
FUELS PROGRAM	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN	Bond Expenditure Plan
Cortese	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings	CUPA Resources List
DRYCLEANERS	Cleaner Facilities
EMI	Emissions Inventory Data
ENF	Enforcement Action Listing
Financial Assurance	Financial Assurance Information Listing
HAZNET	Facility and Manifest Data
ICE	ICE
HWP	EnviroStor Permitted Facilities Listing
HWT	Registered Hazardous Waste Transporter Database
MINES	Mines Site Location Listing
MWMP	Medical Waste Management Program Listing
NPDES	NPDES Permits Listing
PEST LIC	Pesticide Regulation Licenses Listing
PROC	Certified Processors Database
Notify 65	Proposition 65 Records
UIC	UIC Listing
UIC GEO	UIC GEO (GEOTRACKER)
WASTEWATER PITS	Oil Wastewater Pits Listing
WDS	Waste Discharge System
WIP	Well Investigation Program Case List
MILITARY PRIV SITES	MILITARY PRIV SITES (GEOTRACKER)
PROJECT	PROJECT (GEOTRACKER)
WDR	Waste Discharge Requirements Listing
CIWQS	California Integrated Water Quality System
CERS	CERS
NON-CASE INFO	NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS	OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS	PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT	SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ	Well Stimulation Project (GEOTRACKER)

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto	EDR Exclusive Historical Auto Stations
EDR Hist Cleaner	EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF	Recovered Government Archive Solid Waste Facilities List
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EXECUTIVE SUMMARY

RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/25/2019 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>SCE SERRANO SUBSTATI</i> EPA ID:: CAD983615634	<i>5925 CARVER LANE</i>	<i>S 0 - 1/8 (0.123 mi.)</i>	<i>1</i>	<i>8</i>

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, has revealed that there are 2 SWF/LF sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>CERRO VILLA HEIGHTS</i> Database: SWF/LF (SWIS), Date of Government Version: 05/13/2019 Facility ID: 30-CR-0098 Operational Status: Closed Regulation Status: Pre-regulations	<i>1/4 MI E OF LOMA ST</i>	<i>N 1/8 - 1/4 (0.138 mi.)</i>	<i>2</i>	<i>12</i>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>VILLA PARK (LOMA STR)</i> Database: SWF/LF (SWIS), Date of Government Version: 05/13/2019	<i>ORANGE CO. DISP. SIT</i>	<i>S 1/4 - 1/2 (0.366 mi.)</i>	<i>8</i>	<i>21</i>

EXECUTIVE SUMMARY

Facility ID: 30-CR-0020
Operational Status: Closed
Regulation Status: Pre-regulations

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 2 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PRIVATE RESIDENCE Database: LUST, Date of Government Version: 12/10/2018 Status: Completed - Case Closed Global Id: T0605902191	PRIVATE RESIDENCE	NW 1/4 - 1/2 (0.254 mi.)	A6	17
VACANT PARCEL/OAKHIL Database: ORANGE CO. LUST, Date of Government Version: 05/01/2019 Database: LUST REG 8, Date of Government Version: 02/14/2005 Facility Id: 98UT063 Facility Status: Case Closed Global ID: T0605902191	19024 MESA	NW 1/4 - 1/2 (0.283 mi.)	A7	20

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: The Waste Management Unit Database System is used for program tracking and inventory of waste management units. The source is the State Water Resources Control Board.

A review of the WMUDS/SWAT list, as provided by EDR, and dated 04/01/2000 has revealed that there is 1 WMUDS/SWAT site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CERRO VILLA	MESA DR & LOMA	NNW 1/8 - 1/4 (0.164 mi.)	3	13

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/25/2019 has revealed that

EXECUTIVE SUMMARY

there are 2 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LIDA ROUHIZAD EPA ID:: CAC002990698	5828 E CRATER LAKE	ESE 1/8 - 1/4 (0.188 mi.)	4	14
WILENSKY, HIROKO EPA ID:: CAC002998395	5020 E. LAKESIDE AVE	SW 1/8 - 1/4 (0.249 mi.)	5	15

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSTATES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 2 HIST CORTESE sites within approximately 0.5 miles of the target property.

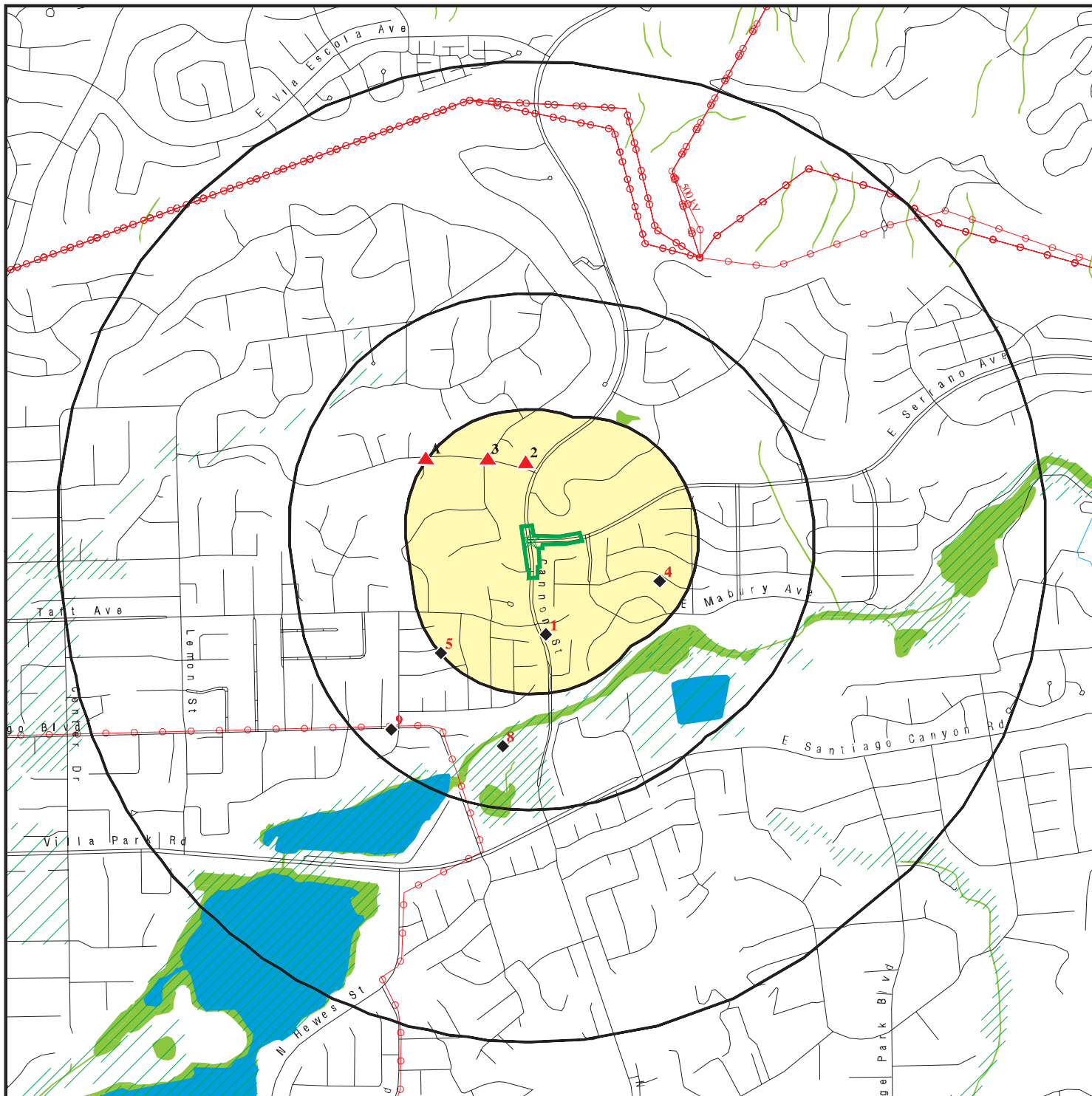
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
VACANT PARCEL/OAKHIL Reg Id: 083003241T	19024 MESA	NW 1/4 - 1/2 (0.283 mi.)	A7	20

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ORANGE COUNTY FIRE S Reg Id: 083003070T	5020 SANTIAGO BLVD	SW 1/4 - 1/2 (0.440 mi.)	9	22

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 5770332.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Areas of Concern








This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Cannon Street at Serrano Avenue Intersection
 ADDRESS: 1884 N Carlsbad St
 Orange CA 92867
 LAT/LONG: 33.820296 / 117.795964


CLIENT: Michael Baker International
 CONTACT: Danielle Regimbal
 INQUIRY #: 5770332.2s
 DATE: August 28, 2019 9:08 pm

DETAIL MAP - 5770332.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites

-  Indian Reservations BIA
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory
-  State Wetlands

-  Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Cannon Street at Serrano Avenue Intersection
 ADDRESS: 1884 N Carlsbad St
 Orange CA 92867
 LAT/LONG: 33.820296 / 117.795964

CLIENT: Michael Baker International
 CONTACT: Danielle Regimbal
 INQUIRY #: 5770332.2s
 DATE: August 28, 2019 9:10 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		1	0	NR	NR	NR	1
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	0.001		0	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
RESPONSE	1.000		0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
ENVIROSTOR	1.000		0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	1	1	NR	NR	2
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		0	0	2	NR	NR	2

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	1	0	NR	NR	1
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250		0	0	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	0	NR	NR	NR	0
CERS TANKS	0.250		0	0	NR	NR	NR	0
CA FID UST	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
Orange Co. Industrial Site	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	2	NR	NR	NR	2
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0

MAP FINDINGS

Map ID	Direction	Distance	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
--------	-----------	----------	-----------	------	-------------	---------------	---------------

1	South	< 1/8	0.123 mi. 652 ft.	SCE SERRANO SUBSTATION 5925 CARVER LANE ORANGE, CA 92867	RCRA-LQG FINDS ECHO	1000597548 CAD983615634	
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Relative: RCRA-LQG:
Lower Date form received by agency: 12/07/2010

Actual: Facility name: SCE SERRANO SUBSTATION
425 ft. Facility address: 5925 CARVER LANE
ORANGE, CA 92867

EPA ID: CAD983615634
Mailing address: PO BOX 800
ATTN SARA DUVALL
ROSEMEAD, CA 91770

Contact: SARA M DUVALL
Contact address: PO BOX 800
ROSEMEAD, CA 91770

Contact country: US
Contact telephone: 626-302-4781
Contact email: SARA.DUVALL@SCE.COM

EPA Region: 09
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: SOUTHERN CALIFORNIA EDISON
Owner/operator address: PO BOX 800
ROSEMEAD, CA 91770

Owner/operator country: US
Owner/operator telephone: 626-302-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 04/01/1985
Owner/Op end date: Not reported

Owner/operator name: SOUTHERN CALIFORNIA EDISON
Owner/operator address: Not reported
Not reported

Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SCE SERRANO SUBSTATION (Continued)

1000597548

Owner/Operator Type: Operator
Owner/Op start date: 04/01/1985
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 02/28/2002
Site name: SERRANO SUBSTATION
Classification: Small Quantity Generator

Date form received by agency: 02/28/2002
Site name: SERRANO SUBSTATION
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Site name: SERRANO SUBSTATION
Classification: Small Quantity Generator

Date form received by agency: 12/23/1991
Site name: SERRANO SUBSTATION
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: 133
. Waste name: Aqueous solution with 10% or more total organic residues

. Waste code: 151
. Waste name: Asbestos-containing waste

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 211
. Waste name: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)

. Waste code: 213
. Waste name: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SCE SERRANO SUBSTATION (Continued)

1000597548

- . Waste code: 214
- . Waste name: Unspecified solvent mixture

- . Waste code: 221
- . Waste name: Waste oil and mixed oil

- . Waste code: 223
- . Waste name: Unspecified oil-containing waste

- . Waste code: 261
- . Waste name: Polychlorinated biphenyls and material containing PCB's

- . Waste code: 272
- . Waste name: Polymeric resin waste

- . Waste code: 291
- . Waste name: Latex waste

- . Waste code: 331
- . Waste name: Off-specification, aged, or surplus organics

- . Waste code: 343
- . Waste name: Unspecified organic liquid mixture

- . Waste code: 352
- . Waste name: Other organic solids

- . Waste code: 461
- . Waste name: Degreasing sludge

- . Waste code: 512
- . Waste name: Other empty containers 30 gallons or more

- . Waste code: 513
- . Waste name: Empty containers less than 30 gallons

- . Waste code: 541
- . Waste name: Photochemicals / photo processing waste

- . Waste code: 551
- . Waste name: Laboratory waste chemicals

- . Waste code: 731
- . Waste name: Liquids with polychlorinated biphenyls > 50 mg/l

- . Waste code: D001
- . Waste name: IGNITABLE WASTE

- . Waste code: D002
- . Waste name: CORROSIVE WASTE

- . Waste code: D008
- . Waste name: LEAD

- . Waste code: D018
- . Waste name: BENZENE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SCE SERRANO SUBSTATION (Continued)

1000597548

- . Waste code: D039
- . Waste name: TETRACHLOROETHYLENE

- . Waste code: D040
- . Waste name: TRICHTHLORETHYLENE

- . Waste code: F001
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHTHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHTHLORETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F002
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHTHLORETHYLENE, 1,1,1-TRICHTHLORETHANE, CHLOROBENZENE, 1,1,2-TRICHTHLORE-1,2,2-TRIFLUOROETHANE, ORTHO-DICHTHLOREBENZENE, TRICHTHLOREFLUOROMETHANE, AND 1,1,2, TRICHTHLORETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110008282713

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SCE SERRANO SUBSTATION (Continued)

1000597548

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000597548
Registry ID: 110008282713
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110008282713>

2
North
1/8-1/4
0.138 mi.
726 ft.

CERRO VILLA HEIGHTS DISPOSAL STATION #7
1/4 MI E OF LOMA ST 1000 FT SE OF MESA
ORANGE, CA

SWF/LF **S102361547**
CERS **N/A**

Relative:
Higher
Actual:
514 ft.

SWF/LF (SWIS):
Name: CERRO VILLA HEIGHTS DISPOSAL STATION #7
Address: 1/4 MI E OF LOMA ST 1000 FT SE OF MESA
City,State,Zip: ORANGE, CA
Facility ID: 30-CR-0098
Lat/Long: 33.82555 / -117.79113
Owner Name: City Of Orange
Owner Telephone: 7147445597
Owner Address: Greg Warren
Owner Address2: 300 E. Chapman Ave.
Owner City,St,Zip: Orange, CA 92886
Operational Status: Closed
Operator: City Of Orange
Operator Phone: 7147445597
Operator Address: Greg Warren
Operator Address2: 300 E. Chapman Ave.
Operator City,St,Zip: Orange, CA 92886
Permit Date: Not reported
Permit Status: Not reported
Permitted Acreage: \$0.00
Activity: Solid Waste Disposal Site
Regulation Status: Pre-regulations
Landuse Name: Rural,Residential,Agricultural
GIS Source: Map
Category: Disposal
Unit Number: 01
Inspection Frequency: Annual
Accepted Waste: Not reported
Closure Date: 12/31/1957
Closure Type: Estimated
Disposal Acreage: \$0.00
SWIS Num: 30-CR-0098
Waste Discharge Requirement Num: Not reported
Program Type: Not reported
Permitted Throughput with Units: 0
Actual Throughput with Units: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CERRO VILLA HEIGHTS DISPOSAL STATION #7 (Continued)

S102361547

Permitted Capacity with Units: 0
 Remaining Capacity: 0
 Remaining Capacity with Units: Not reported
 Lat/Long: 33.82555 / -117.79113

CERS:

Name: CERRO VILLA HEIGHTS DISPOSAL STATION #7
 Address: 1/4 MI E OF LOMA ST 1000 FT SE OF MESA
 City,State,Zip: ORANGE, CA
 Site ID: 507637
 CERS ID: 30-CR-0098
 CERS Description: Solid Waste and Recycle Sites

Affiliation:

Affiliation Type Desc: Legal Operator
 Entity Name: City of Orange
 Entity Title: Not reported
 Affiliation Address: Greg Warren300 E. Chapman Ave.
 Affiliation City: Orange
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: 92886
 Affiliation Phone: 7147445597

Affiliation Type Desc: Legal Owner
 Entity Name: City of Orange
 Entity Title: Not reported
 Affiliation Address: Greg Warren300 E. Chapman Ave.
 Affiliation City: Orange
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: 92886
 Affiliation Phone: 7147445597

3
NNW
1/8-1/4
0.164 mi.
867 ft.

CERRO VILLA
MESA DR & LOMA
ORANGE, CA

WMUDS/SWAT S103442593
N/A

Relative:
Higher
Actual:
554 ft.

WMUDS/SWAT:
 Edit Date: 19940622
 Complexity: Not reported
 Primary Waste: Not reported
 Primary Waste Type: Not reported
 Secondary Waste: Not reported
 Secondary Waste Type: Not reported
 Base Meridian: Not reported
 NPID: Not reported
 Tonnage: 0
 Regional Board ID: Not reported
 Municipal Solid Waste: False
 Superorder: False
 Open To Public: True
 Waste List: False
 Agency Type: Not reported
 Agency Name: ORANGE COUNTY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CERRO VILLA (Continued)

S103442593

Agency Department: INTEGRATED WASTE MNGT DEPT
Agency Address: Not reported
Agency City,St,Zip: Not reported
Agency Contact: SUZANNE MCCLANAHAN
Agency Telephone: Not reported
Land Owner Name: CITY OF ORANGE
Land Owner Address: 300 E. CHAPMAN AVE.
Land Owner City,St,Zip: SANTA ANA, CA 92703
Land Owner Contact: GARY WANN, DIRECTOR
Land Owner Phone: Not reported
Region: 8
Facility Type: Not reported
Facility Description: Not reported
Facility Telephone: Not reported
SWAT Facility Name: Not reported
Primary SIC: Not reported
Secondary SIC: Not reported
Comments: Not reported
Last Facility Editors: BDNBDNBDN
Waste Discharge System: False
Solid Waste Assessment Test Program: True
Toxic Pits Cleanup Act Program: False
Resource Conservation Recovery Act: False
Department of Defence: False
Solid Waste Assessment Test Program: ORANGE COUNTY
Threat to Water Quality: Not reported
Sub Chapter 15: False
Regional Board Project Officer: GSR
Number of WMUDS at Facility: 1
Section Range: Not reported
RCRA Facility: Not reported
Waste Discharge Requirements: Not reported
Self-Monitoring Rept. Frequency: Not reported
Waste Discharge System ID: 8 300013NUR
Solid Waste Information ID: Not reported

4
ESE
1/8-1/4
0.188 mi.
992 ft.

LIDA ROUHIZAD
5828 E CRATER LAKE
ORANGE, CA 92867

RCRA NonGen / NLR 1024770792
CAC002990698

Relative:
Lower
Actual:
433 ft.

RCRA NonGen / NLR:
Date form received by agency: 11/27/2018
Facility name: LIDA ROUHIZAD
Facility address: 5828 E CRATER LAKE
ORANGE, CA 92867
EPA ID: CAC002990698
Contact: LIDA ROUHIZAD
Contact address: 5828 E CRATER LAKE
ORANGE, CA 92867
Contact country: Not reported
Contact telephone: 714-974-4396
Contact email: MANIFEST.SIRRIIS@GMAIL.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LIDA ROUHIZAD (Continued)

1024770792

Owner/Operator Summary:

Owner/operator name: LIDA ROUHIZAD
Owner/operator address: 5828 E CRATER LAKE
ORANGE, CA 92867
Owner/operator country: Not reported
Owner/operator telephone: 714-974-4396
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: LIDA ROUHIZAD
Owner/operator address: 5828 E CRATER LAKE
ORANGE, CA 92867
Owner/operator country: Not reported
Owner/operator telephone: 714-974-4396
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

5
SW
1/8-1/4
0.249 mi.
1313 ft.

WILENSKY, HIROKO
5020 E. LAKESIDE AVENUE
ORANGE, CA 92867

RCRA NonGen / NLR **1024778450**
CAC002998395

Relative:
Lower
Actual:
403 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/28/2019
Facility name: WILENSKY, HIROKO
Facility address: 5020 E. LAKESIDE AVENUE
ORANGE, CA 92867
EPA ID: CAC002998395

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILENSKY, HIROKO (Continued)

1024778450

Contact: WILENSKY, HIROKO
Contact address: 5020 E. LAKESIDE AVENUE
ORANGE, CA 92867
Contact country: Not reported
Contact telephone: 714-307-2410
Contact email: ANDREW@PWSEI.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: WILENSKY, HIROKO
Owner/operator address: 5020 E. LAKESIDE AVENUE
ORANGE, CA 92867
Owner/operator country: Not reported
Owner/operator telephone: 714-307-2410
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: WILENSKY, HIROKO
Owner/operator address: 5020 E. LAKESIDE AVENUE
ORANGE, CA 92867
Owner/operator country: Not reported
Owner/operator telephone: 714-307-2410
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

A6 PRIVATE RESIDENCE
NW PRIVATE RESIDENCE
1/4-1/2 VILLA PARK, CA 92861
0.254 mi.
1339 ft. Site 1 of 2 in cluster A

LUST S110654829
CERS N/A

Relative:
Higher
Actual:
567 ft.

LUST:
 Name: PRIVATE RESIDENCE
 Address: PRIVATE RESIDENCE
 City,State,Zip: VILLA PARK, CA 92861
 Lead Agency: ORANGE COUNTY LOP
 Case Type: LUST Cleanup Site
 Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605902191
 Global Id: T0605902191
 Latitude: 33.8229158
 Longitude: -117.7998966
 Status: Completed - Case Closed
 Status Date: 06/19/2001
 Case Worker: SR
 RB Case Number: 083003241T
 Local Agency: ORANGE COUNTY LOP
 File Location: Local Agency
 Local Case Number: 98UT063
 Potential Media Affect: Soil
 Potential Contaminants of Concern: Gasoline
 Site History: Not reported

LUST:
 Global Id: T0605902191
 Contact Type: Regional Board Caseworker
 Contact Name: NANCY OLSON-MARTIN
 Organization Name: SANTA ANA RWQCB (REGION 8)
 Address: 3737 MAIN STREET, SUITE 500
 City: RIVERSIDE
 Email: nolson-martin@waterboards.ca.gov
 Phone Number: Not reported

Global Id: T0605902191
 Contact Type: Local Agency Caseworker
 Contact Name: SHYAMALA RAJAGOPAL
 Organization Name: ORANGE COUNTY LOP
 Address: 1241 E. DYER ROAD SUITE 120
 City: SANTA ANA
 Email: srajagopal@ochca.com
 Phone Number: 7144336262

LUST:
 Global Id: T0605902191
 Action Type: Other
 Date: 08/27/1998
 Action: Leak Discovery

Global Id: T0605902191
 Action Type: REMEDIATION
 Date: 08/28/1998
 Action: Excavation

Global Id: T0605902191
 Action Type: Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRIVATE RESIDENCE (Continued)

S110654829

Date: 08/27/1998
Action: Leak Reported

LUST:

Global Id: T0605902191
Status: Open - Case Begin Date
Status Date: 08/27/1998

Global Id: T0605902191
Status: Completed - Case Closed
Status Date: 06/19/2001

CERS:

Name: PRIVATE RESIDENCE
Address: PRIVATE RESIDENCE
City,State,Zip: VILLA PARK, CA 92861
Site ID: 226615
CERS ID: T0605902191
CERS Description: Leaking Underground Storage Tank Cleanup Site

Coordinates:

Site ID: 226615
Facility Name: PRIVATE RESIDENCE
Env Int Type Code: LUSTCS
Program ID: T0605902191
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 33.822916
Longitude: -117.799896

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: ROSE SCOTT - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 MAIN STREET, SUITE 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9513206375

Affiliation Type Desc: Local Agency Caseworker
Entity Name: SHYAMALA RAJAGOPAL - ORANGE COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1241 E. DYER ROAD SUITE 120
Affiliation City: SANTA ANA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7144336262

Affiliation Type Desc: Regional Board Caseworker
Entity Name: NANCY OLSON-MARTIN - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 MAIN STREET, SUITE 500

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRIVATE RESIDENCE (Continued)

S110654829

Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: PRIVATE RESIDENCE
Address: PRIVATE RESIDENCE
City,State,Zip: VILLA PARK, CA 92861
Site ID: 226615
CERS ID: T0605941290
CERS Description: Leaking Underground Storage Tank Cleanup Site

Coordinates:
Site ID: 226615
Facility Name: PRIVATE RESIDENCE
Env Int Type Code: LUSTCS
Program ID: T0605902191
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 33.822916
Longitude: -117.799896

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: ROSE SCOTT - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 MAIN STREET, SUITE 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9513206375

Affiliation Type Desc: Local Agency Caseworker
Entity Name: SHYAMALA RAJAGOPAL - ORANGE COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1241 E. DYER ROAD SUITE 120
Affiliation City: SANTA ANA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7144336262

Affiliation Type Desc: Regional Board Caseworker
Entity Name: NANCY OLSON-MARTIN - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 MAIN STREET, SUITE 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A7
NW
1/4-1/2
0.283 mi.
1493 ft.

VACANT PARCEL/OAKHILL DEVELOPMENT
19024 MESA
VILLA PARK, CA 92861
Site 2 of 2 in cluster A

LUST S103587822
HIST CORTESE N/A

Relative:
Higher
Actual:
568 ft.

ORANGE CO. LUST:
Name: VACANT PARCEL/OAKHILL DEVELOPMENT
Address: 19024 MESA DR
City,State,Zip: VILLA PARK, CA 92861
Region: ORANGE
Facility Id: 98UT063
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed: 06/19/2001
Record ID: RO0002606

LUST REG 8:

Name: VACANT PARCEL/OAKHILL DEVELOPMENT
Address: 19024 MESA
City: VILLA PARK
Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083003241T
Local Case Num: 98UT063
Case Type: Soil only
Substance: Gasoline
Qty Leaked: 0
Abate Method: Not reported
Cross Street: Not reported
Enf Type: Not reported
Funding: Not reported
How Discovered: Tank Closure
How Stopped: Close Tank
Leak Cause: Unknown
Leak Source: Unknown
Global ID: T0605902191
How Stopped Date: 9/9/9999
Enter Date: Not reported
Date Confirmation of Leak Began: Not reported
Date Preliminary Assessment Began: Not reported
Discover Date: 8/27/1998
Enforcement Date: Not reported
Close Date: 6/19/2001
Date Prelim Assessment Workplan Submitted: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring: Not reported
Enter Date: Not reported
GW Qualifies: Not reported
Soil Qualifies: Not reported
Operator: Not reported
Facility Contact: Not reported
Interim: Not reported
Oversite Program: LUST
Latitude: 33.8230123
Longitude: -117.7995447

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

VACANT PARCEL/OAKHILL DEVELOPMENT (Continued)

S103587822

MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
MTBE Class:	*
Staff:	NOM
Staff Initials:	JK
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	Not reported

HIST CORTESE:

edr_fname:	OAKHILL DEVELOPMENT
edr_fadd1:	19024
City,State,Zip:	VILLA PARK, CA 92861
Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083003241T

8
South
1/4-1/2
0.366 mi.
1935 ft.

VILLA PARK (LOMA STREET) LANDFILL
ORANGE CO. DISP. SITE NO.22-VILLA PARK
SANTA ANA, CA

SWF/LF **S102361485**
CERS **N/A**

Relative:
Lower
Actual:
366 ft.

SWF/LF (SWIS):	
Name:	VILLA PARK (LOMA STREET) LANDFILL
Address:	ORANGE CO. DISP. SITE NO.22-VILLA PARK
City,State,Zip:	SANTA ANA, CA
Facility ID:	30-CR-0020
Lat/Long:	33.81395 / -117.79728
Owner Name:	OC Waste and Recycling
Owner Telephone:	7148344000
Owner Address:	Not reported
Owner Address2:	300 N Flower Street, Suite 400
Owner City,St,Zip:	Santa Ana, CA 92703
Operational Status:	Closed
Operator:	OC Waste and Recycling
Operator Phone:	7148344000
Operator Address:	Not reported
Operator Address2:	300 N Flower Street, Suite 400
Operator City,St,Zip:	Santa Ana, CA 92703
Permit Date:	Not reported
Permit Status:	Not reported
Permitted Acreage:	\$0.00
Activity:	Solid Waste Disposal Site
Regulation Status:	Pre-regulations
Landuse Name:	Residential,Commercial
GIS Source:	Map

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VILLA PARK (LOMA STREET) LANDFILL (Continued)

S102361485

Category: Disposal
Unit Number: 01
Inspection Frequency: Quarterly
Accepted Waste: Not reported
Closure Date: 12/31/1966
Closure Type: Estimated
Disposal Acreage: \$0.00
SWIS Num: 30-CR-0020
Waste Discharge Requirement Num: Not reported
Program Type: Not reported
Permitted Throughput with Units: 0
Actual Throughput with Units: Not reported
Permitted Capacity with Units: 0
Remaining Capacity: 0
Remaining Capacity with Units: Not reported
Lat/Long: 33.81395 / -117.79728

CERS:

Name: VILLA PARK (LOMA STREET) LANDFILL
Address: ORANGE CO. DISP. SITE NO.22-VILLA PARK
City,State,Zip: SANTA ANA, CA
Site ID: 512832
CERS ID: 30-CR-0020
CERS Description: Solid Waste and Recycle Sites

Affiliation:

Affiliation Type Desc: Legal Operator
Entity Name: OC Waste and Recycling
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Santa Ana
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92703
Affiliation Phone: 7148344000

Affiliation Type Desc: Legal Owner
Entity Name: OC Waste and Recycling
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Santa Ana
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92703
Affiliation Phone: 7148344000

9
SW
1/4-1/2
0.440 mi.
2323 ft.

ORANGE COUNTY FIRE STN #23
5020 SANTIAGO BLVD
ORANGE, CA 92669

SWEEPS UST S101589584
CA FID UST N/A
HIST CORTESE

Relative:
Lower
Actual:
382 ft.

SWEEPS UST:
Name: ORANGE COUNTY FIRE STN #23
Address: 5020 SANTIAGO BLVD
City: ORANGE
Status: Active

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ORANGE COUNTY FIRE STN #23 (Continued)

S101589584

Comp Number: 11155
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 06-18-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

CA FID UST:

Facility ID: 30017663
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7149972552
Mail To: Not reported
Mailing Address: 180 S WATER ST
Mailing Address 2: Not reported
Mailing City,St,Zip: ORANGE 92669
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HIST CORTESE:

edr_fname: ORANGE CO. FIRE STATION #
edr_fadd1: 5020
City,State,Zip: ORANGE, CA 92869
Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083003070T

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
NO SITES FOUND					

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/11/2019	Source: EPA
Date Data Arrived at EDR: 04/18/2019	Telephone: N/A
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 07/02/2019
Number of Days to Update: 26	Next Scheduled EDR Contact: 10/14/2019
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/11/2019	Source: EPA
Date Data Arrived at EDR: 04/18/2019	Telephone: N/A
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 07/02/2019
Number of Days to Update: 26	Next Scheduled EDR Contact: 10/14/2019
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 07/02/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/03/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 07/02/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/11/2019	Source: EPA
Date Data Arrived at EDR: 04/18/2019	Telephone: 800-424-9346
Date Made Active in Reports: 05/23/2019	Last EDR Contact: 07/02/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 10/28/2019
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/25/2019	Source: EPA
Date Data Arrived at EDR: 03/27/2019	Telephone: 800-424-9346
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/22/2019	Source: Department of the Navy
Date Data Arrived at EDR: 03/07/2019	Telephone: 843-820-7326
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 05/10/2019
Number of Days to Update: 41	Next Scheduled EDR Contact: 08/26/2019
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 01/31/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/04/2019	Telephone: 703-603-0695
Date Made Active in Reports: 03/08/2019	Last EDR Contact: 05/29/2019
Number of Days to Update: 32	Next Scheduled EDR Contact: 09/09/2019
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 01/31/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/04/2019	Telephone: 703-603-0695
Date Made Active in Reports: 03/08/2019	Last EDR Contact: 05/29/2019
Number of Days to Update: 32	Next Scheduled EDR Contact: 09/09/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/25/2019

Date Data Arrived at EDR: 03/26/2019

Date Made Active in Reports: 05/01/2019

Number of Days to Update: 36

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 06/26/2019

Next Scheduled EDR Contact: 10/07/2019

Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 04/29/2019

Date Data Arrived at EDR: 04/30/2019

Date Made Active in Reports: 06/27/2019

Number of Days to Update: 58

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 04/30/2019

Next Scheduled EDR Contact: 08/12/2019

Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 04/29/2019

Date Data Arrived at EDR: 04/30/2019

Date Made Active in Reports: 06/27/2019

Number of Days to Update: 58

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 04/30/2019

Next Scheduled EDR Contact: 08/12/2019

Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/13/2019

Date Data Arrived at EDR: 05/14/2019

Date Made Active in Reports: 07/17/2019

Number of Days to Update: 64

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320

Last EDR Contact: 05/14/2019

Next Scheduled EDR Contact: 08/26/2019

Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/17/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/10/2018
Date Data Arrived at EDR: 03/08/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/16/2018	Source: EPA Region 8
Date Data Arrived at EDR: 03/07/2019	Telephone: 303-312-6271
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 02/19/2019	Source: EPA Region 7
Date Data Arrived at EDR: 03/07/2019	Telephone: 913-551-7003
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 09/24/2018	Source: EPA Region 4
Date Data Arrived at EDR: 03/12/2019	Telephone: 404-562-8677
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/23/2019
Number of Days to Update: 50	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/13/2018	Source: EPA Region 1
Date Data Arrived at EDR: 03/07/2019	Telephone: 617-918-1313
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/12/2018	Source: EPA, Region 5
Date Data Arrived at EDR: 03/07/2019	Telephone: 312-886-7439
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 11/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 03/07/2019	Telephone: 214-665-6597
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)

Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/10/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/11/2018	Telephone: 866-480-1028
Date Made Active in Reports: 01/15/2019	Last EDR Contact: 06/11/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/23/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017
Date Data Arrived at EDR: 05/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 136

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 07/10/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 06/10/2019	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/12/2019	Telephone: 916-327-7844
Date Made Active in Reports: 07/23/2019	Last EDR Contact: 06/12/2019
Number of Days to Update: 41	Next Scheduled EDR Contact: 09/23/2019
	Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 06/10/2019	Source: SWRCB
Date Data Arrived at EDR: 06/11/2019	Telephone: 916-341-5851
Date Made Active in Reports: 07/23/2019	Last EDR Contact: 06/11/2019
Number of Days to Update: 42	Next Scheduled EDR Contact: 09/23/2019
	Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2016	Telephone: 916-327-5092
Date Made Active in Reports: 09/19/2016	Last EDR Contact: 06/17/2019
Number of Days to Update: 69	Next Scheduled EDR Contact: 09/30/2019
	Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 11/07/2018	Source: EPA Region 7
Date Data Arrived at EDR: 03/07/2019	Telephone: 913-551-7003
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/16/2018	Source: EPA Region 8
Date Data Arrived at EDR: 03/07/2019	Telephone: 303-312-6137
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 11/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 03/07/2019	Telephone: 214-665-7591
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/12/2018	Source: EPA Region 5
Date Data Arrived at EDR: 03/07/2019	Telephone: 312-886-6136
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 09/24/2018	Source: EPA Region 4
Date Data Arrived at EDR: 03/12/2019	Telephone: 404-562-9424
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/23/2019
Number of Days to Update: 50	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 10/17/2018	Source: EPA Region 10
Date Data Arrived at EDR: 03/07/2019	Telephone: 206-553-2857
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/10/2018	Source: EPA Region 9
Date Data Arrived at EDR: 03/08/2019	Telephone: 415-972-3368
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 54	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/03/2018	Source: EPA, Region 1
Date Data Arrived at EDR: 03/07/2019	Telephone: 617-918-1313
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 06/20/2019
Number of Days to Update: 142	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 04/29/2019	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 04/30/2019	Telephone: 916-323-3400
Date Made Active in Reports: 06/27/2019	Last EDR Contact: 04/30/2019
Number of Days to Update: 58	Next Scheduled EDR Contact: 08/12/2019
	Data Release Frequency: Quarterly

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfields Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 03/25/2019	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/26/2019	Telephone: 916-323-7905
Date Made Active in Reports: 04/29/2019	Last EDR Contact: 06/25/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/17/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/18/2018	Telephone: 202-566-2777
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 06/04/2019
Number of Days to Update: 24	Next Scheduled EDR Contact: 09/30/2019
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 04/25/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 48

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 03/26/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 34

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 05/09/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 04/23/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 02/24/2019	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 02/26/2019	Telephone: 202-307-1000
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 05/24/2019
Number of Days to Update: 50	Next Scheduled EDR Contact: 09/09/2019
	Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006	Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 02/23/2009
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/25/2009
	Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 04/29/2019	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 04/30/2019	Telephone: 916-323-3400
Date Made Active in Reports: 06/27/2019	Last EDR Contact: 04/30/2019
Number of Days to Update: 58	Next Scheduled EDR Contact: 08/12/2019
	Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 06/12/2018	Telephone: 916-255-6504
Date Made Active in Reports: 08/06/2018	Last EDR Contact: 07/08/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/30/1995	Telephone: 916-227-4364
Date Made Active in Reports: 09/26/1995	Last EDR Contact: 01/26/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/27/2009
	Data Release Frequency: No Update Planned

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/09/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 05/08/2019
Number of Days to Update: 27

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 07/23/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/24/2019
Date Data Arrived at EDR: 02/26/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 50

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 06/28/2019
Date Data Arrived at EDR: 06/28/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 26

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/28/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 12/04/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing Aboveground storage tank sites

Date of Government Version: 09/11/2018	Source: San Francisco County Department of Public Health
Date Data Arrived at EDR: 09/12/2018	Telephone: 415-252-3896
Date Made Active in Reports: 10/11/2018	Last EDR Contact: 05/02/2019
Number of Days to Update: 29	Next Scheduled EDR Contact: 08/19/2019
	Data Release Frequency: Varies

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 09/05/1995	Telephone: 916-341-5851
Date Made Active in Reports: 09/29/1995	Last EDR Contact: 12/28/1998
Number of Days to Update: 24	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 04/09/2019	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 04/11/2019	Telephone: 916-323-2514
Date Made Active in Reports: 05/08/2019	Last EDR Contact: 07/23/2019
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 02/28/2019	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 03/01/2019	Telephone: 916-323-3400
Date Made Active in Reports: 04/02/2019	Last EDR Contact: 06/03/2019
Number of Days to Update: 32	Next Scheduled EDR Contact: 09/16/2019
	Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 04/11/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/18/2019	Telephone: 202-564-6023
Date Made Active in Reports: 05/23/2019	Last EDR Contact: 07/02/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 10/14/2019
	Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 03/04/2019	Source: DTSC and SWRCB
Date Data Arrived at EDR: 03/05/2019	Telephone: 916-323-3400
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 06/04/2019
Number of Days to Update: 27	Next Scheduled EDR Contact: 09/16/2019
	Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/25/2019	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 03/26/2019	Telephone: 202-366-4555
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 49	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 10/24/2018	Source: Office of Emergency Services
Date Data Arrived at EDR: 01/24/2019	Telephone: 916-845-8400
Date Made Active in Reports: 03/05/2019	Last EDR Contact: 06/24/2019
Number of Days to Update: 40	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/10/2018	Source: State Water Quality Control Board
Date Data Arrived at EDR: 12/11/2018	Telephone: 866-480-1028
Date Made Active in Reports: 01/15/2019	Last EDR Contact: 06/11/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/23/2019
	Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/10/2019	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/11/2019	Telephone: 866-480-1028
Date Made Active in Reports: 07/24/2019	Last EDR Contact: 06/11/2019
Number of Days to Update: 43	Next Scheduled EDR Contact: 09/23/2019
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 03/07/2019	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 04/03/2019	Telephone: 202-528-4285
Date Made Active in Reports: 05/23/2019	Last EDR Contact: 05/21/2019
Number of Days to Update: 50	Next Scheduled EDR Contact: 09/02/2019
	Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/09/2019
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/10/2019
Number of Days to Update: 339	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/13/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/07/2019
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/10/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/18/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/24/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 07/01/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/25/2019
Date Data Arrived at EDR: 05/02/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/22/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/11/2019	Source: EPA
Date Data Arrived at EDR: 04/18/2019	Telephone: 202-564-6023
Date Made Active in Reports: 05/23/2019	Last EDR Contact: 07/01/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 08/19/2019
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/20/2019	Source: EPA
Date Data Arrived at EDR: 04/10/2019	Telephone: 202-566-0500
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 07/12/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 07/03/2019
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/08/2016	Telephone: 301-415-7169
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 07/22/2019
Number of Days to Update: 43	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 06/07/2019
Number of Days to Update: 76	Next Scheduled EDR Contact: 09/16/2019
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 06/07/2019
Number of Days to Update: 40	Next Scheduled EDR Contact: 09/16/2019
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/30/2017	Telephone: 202-566-0517
Date Made Active in Reports: 12/15/2017	Last EDR Contact: 04/26/2019
Number of Days to Update: 15	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 04/02/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/02/2019	Telephone: 202-343-9775
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 07/01/2019
Number of Days to Update: 42	Next Scheduled EDR Contact: 10/14/2019
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 01/29/2019
Date Made Active in Reports: 03/21/2019
Number of Days to Update: 51

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 30

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/08/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/10/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 07/01/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/27/2018
Date Data Arrived at EDR: 02/27/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 33

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/29/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/05/2005	Source: USGS
Date Data Arrived at EDR: 02/29/2008	Telephone: 703-648-7709
Date Made Active in Reports: 04/18/2008	Last EDR Contact: 05/31/2019
Number of Days to Update: 49	Next Scheduled EDR Contact: 09/09/2019
	Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 05/31/2019
Number of Days to Update: 97	Next Scheduled EDR Contact: 09/09/2019
	Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/27/2019	Source: Department of Interior
Date Data Arrived at EDR: 03/28/2019	Telephone: 202-208-2609
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 06/19/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 09/23/2019
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/15/2019	Source: EPA
Date Data Arrived at EDR: 03/05/2019	Telephone: (415) 947-8000
Date Made Active in Reports: 03/15/2019	Last EDR Contact: 06/05/2019
Number of Days to Update: 10	Next Scheduled EDR Contact: 09/16/2019
	Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 04/07/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/09/2019	Telephone: 202-564-2280
Date Made Active in Reports: 05/23/2019	Last EDR Contact: 07/09/2019
Number of Days to Update: 44	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/26/2018	Telephone: 202-564-0527
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 05/24/2019
Number of Days to Update: 71	Next Scheduled EDR Contact: 09/09/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017	Source: Department of Defense
Date Data Arrived at EDR: 01/17/2019	Telephone: 703-704-1564
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 07/15/2019
Number of Days to Update: 74	Next Scheduled EDR Contact: 10/28/2019
	Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/19/2019	Source: EPA
Date Data Arrived at EDR: 02/21/2019	Telephone: 800-385-6164
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 05/21/2019
Number of Days to Update: 39	Next Scheduled EDR Contact: 09/02/2019
	Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989	Source: Department of Health Services
Date Data Arrived at EDR: 07/27/1994	Telephone: 916-255-2118
Date Made Active in Reports: 08/02/1994	Last EDR Contact: 05/31/1994
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 03/25/2019	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 03/26/2019	Telephone: 916-323-3400
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 06/25/2019
Number of Days to Update: 36	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019	Source: Livermore-Pleasanton Fire Department
Date Data Arrived at EDR: 05/14/2019	Telephone: 925-454-2361
Date Made Active in Reports: 07/17/2019	Last EDR Contact: 05/14/2019
Number of Days to Update: 64	Next Scheduled EDR Contact: 08/26/2019
	Data Release Frequency: Varies

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 04/18/2019	Source: San Francisco County Department of Environmental Health
Date Data Arrived at EDR: 04/19/2019	Telephone: 415-252-3896
Date Made Active in Reports: 04/30/2019	Last EDR Contact: 04/18/2019
Number of Days to Update: 11	Next Scheduled EDR Contact: 08/19/2019
	Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/27/2019
Date Data Arrived at EDR: 02/28/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 32

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 03/19/2019
Date Data Arrived at EDR: 03/22/2019
Date Made Active in Reports: 04/09/2019
Number of Days to Update: 18

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 05/23/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 03/01/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 35

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 47

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/24/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 11/01/2018
Date Data Arrived at EDR: 11/02/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 41

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 07/18/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/15/2019
Date Data Arrived at EDR: 05/16/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 63

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 05/09/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 05/29/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 54

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 07/12/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 58

Source: Department of Toxic Substances Control
Telephone: 877-786-9427
Last EDR Contact: 05/21/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 58

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/21/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 04/08/2019
Date Data Arrived at EDR: 04/09/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 51

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 07/09/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 12/10/2018	Source: Department of Conservation
Date Data Arrived at EDR: 12/12/2018	Telephone: 916-322-1080
Date Made Active in Reports: 01/15/2019	Last EDR Contact: 06/11/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 09/23/2019
	Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 02/20/2019	Source: Department of Public Health
Date Data Arrived at EDR: 03/05/2019	Telephone: 916-558-1784
Date Made Active in Reports: 04/02/2019	Last EDR Contact: 06/04/2019
Number of Days to Update: 28	Next Scheduled EDR Contact: 09/16/2019
	Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/13/2019	Source: State Water Resources Control Board
Date Data Arrived at EDR: 05/14/2019	Telephone: 916-445-9379
Date Made Active in Reports: 07/17/2019	Last EDR Contact: 05/14/2019
Number of Days to Update: 64	Next Scheduled EDR Contact: 08/26/2019
	Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 03/04/2019	Source: Department of Pesticide Regulation
Date Data Arrived at EDR: 03/05/2019	Telephone: 916-445-4038
Date Made Active in Reports: 04/05/2019	Last EDR Contact: 06/04/2019
Number of Days to Update: 31	Next Scheduled EDR Contact: 09/16/2019
	Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 03/11/2019	Source: Department of Conservation
Date Data Arrived at EDR: 03/13/2019	Telephone: 916-323-3836
Date Made Active in Reports: 04/29/2019	Last EDR Contact: 06/12/2019
Number of Days to Update: 47	Next Scheduled EDR Contact: 09/23/2019
	Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 03/18/2019	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/19/2019	Telephone: 916-445-3846
Date Made Active in Reports: 04/29/2019	Last EDR Contact: 06/17/2019
Number of Days to Update: 41	Next Scheduled EDR Contact: 09/30/2019
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 04/27/2018	Source: Department of Conservation
Date Data Arrived at EDR: 06/13/2018	Telephone: 916-445-2408
Date Made Active in Reports: 07/17/2018	Last EDR Contact: 06/11/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 09/23/2019
	Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)

Underground control injection sites

Date of Government Version: 06/10/2019	Source: State Water Resource Control Board
Date Data Arrived at EDR: 06/11/2019	Telephone: 866-480-1028
Date Made Active in Reports: 07/24/2019	Last EDR Contact: 06/11/2019
Number of Days to Update: 43	Next Scheduled EDR Contact: 09/23/2019
	Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 05/08/2018	Source: RWQCB, Central Valley Region
Date Data Arrived at EDR: 07/11/2018	Telephone: 559-445-5577
Date Made Active in Reports: 09/13/2018	Last EDR Contact: 07/12/2019
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/20/2007	Telephone: 916-341-5227
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 05/16/2019
Number of Days to Update: 9	Next Scheduled EDR Contact: 09/02/2019
	Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009	Source: Los Angeles Water Quality Control Board
Date Data Arrived at EDR: 07/21/2009	Telephone: 213-576-6726
Date Made Active in Reports: 08/03/2009	Last EDR Contact: 06/19/2019
Number of Days to Update: 13	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 06/10/2019	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/11/2019	Telephone: 866-480-1028
Date Made Active in Reports: 07/24/2019	Last EDR Contact: 06/11/2019
Number of Days to Update: 43	Next Scheduled EDR Contact: 09/23/2019
	Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)

Projects sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 47

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 03/05/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 28

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 04/09/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 05/08/2019
Number of Days to Update: 27

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 07/23/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)

Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A	Source: Department of Resources Recycling and Recovery
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/13/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 196	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/30/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 182	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 01/11/2019	Telephone: 510-567-6700
Date Made Active in Reports: 03/05/2019	Last EDR Contact: 07/08/2019
Number of Days to Update: 53	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/10/2019	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 04/11/2019	Telephone: 510-567-6700
Date Made Active in Reports: 06/20/2019	Last EDR Contact: 07/19/2019
Number of Days to Update: 70	Next Scheduled EDR Contact: 04/24/2047
	Data Release Frequency: Semi-Annually

AMADOR COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA AMADOR: CUPA Facility List Cupa Facility List

Date of Government Version: 06/27/2019
Date Data Arrived at EDR: 06/28/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 26

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 07/08/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing Cupa Facility Listing

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/02/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 27

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 06/24/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List Cupa facility list.

Date of Government Version: 05/17/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 58

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 05/22/2019
Date Data Arrived at EDR: 05/23/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 56

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 04/29/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA DEL NORTE: CUPA Facility List Cupa Facility list

Date of Government Version: 02/20/2019
Date Data Arrived at EDR: 05/01/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 29

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 04/25/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List CUPA facility list.

Date of Government Version: 06/05/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 07/23/2019
Number of Days to Update: 47

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 04/29/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 04/10/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 19

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List CUPA facility list.

Date of Government Version: 12/11/2018
Date Data Arrived at EDR: 12/13/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 33

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 05/20/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA IMPERIAL: CUPA Facility List Cupa facility list.

Date of Government Version: 04/24/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 63

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 70

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

KERN COUNTY:

UST KERN: Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 05/06/2019
Date Data Arrived at EDR: 05/07/2019
Date Made Active in Reports: 07/16/2019
Number of Days to Update: 70

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 05/16/2019
Date Data Arrived at EDR: 05/17/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 13

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List Cupa facility list

Date of Government Version: 05/30/2019
Date Data Arrived at EDR: 05/31/2019
Date Made Active in Reports: 07/23/2019
Number of Days to Update: 53

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 07/15/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Varies

LASSEN COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA LASSEN: CUPA Facility List Cupa facility list

Date of Government Version: 01/17/2019
Date Data Arrived at EDR: 01/18/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 46

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 05/13/2019
Date Data Arrived at EDR: 05/16/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 63

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 07/08/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/15/2019
Date Data Arrived at EDR: 04/16/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 66

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 07/17/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 01/15/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 51

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 07/12/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory

A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 54

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/25/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LOS ANGELES CO LF METHANE: Methane Producing Landfills

This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 04/30/2012	Source: Los Angeles County Department of Public Works
Date Data Arrived at EDR: 04/17/2019	Telephone: 626-458-6973
Date Made Active in Reports: 05/29/2019	Last EDR Contact: 07/19/2019
Number of Days to Update: 42	Next Scheduled EDR Contact: 10/28/2019
	Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 01/01/2019	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 04/05/2019	Telephone: 213-978-3800
Date Made Active in Reports: 05/29/2019	Last EDR Contact: 06/25/2019
Number of Days to Update: 54	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory

A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 01/01/2019	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 04/05/2019	Telephone: 213-978-3800
Date Made Active in Reports: 05/29/2019	Last EDR Contact: 06/25/2019
Number of Days to Update: 54	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 04/08/2019	Source: Community Health Services
Date Data Arrived at EDR: 04/16/2019	Telephone: 323-890-7806
Date Made Active in Reports: 06/21/2019	Last EDR Contact: 07/17/2019
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/28/2019
	Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 04/19/2017	Telephone: 310-524-2236
Date Made Active in Reports: 05/10/2017	Last EDR Contact: 07/12/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/28/2019
	Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 04/23/2019	Telephone: 562-570-2563
Date Made Active in Reports: 06/27/2019	Last EDR Contact: 07/19/2019
Number of Days to Update: 65	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 04/04/2019	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 04/23/2019	Telephone: 310-618-2973
Date Made Active in Reports: 06/27/2019	Last EDR Contact: 07/19/2019
Number of Days to Update: 65	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 02/20/2019	Source: Madera County Environmental Health
Date Data Arrived at EDR: 02/22/2019	Telephone: 559-675-7823
Date Made Active in Reports: 03/07/2019	Last EDR Contact: 05/16/2019
Number of Days to Update: 13	Next Scheduled EDR Contact: 09/02/2019
	Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018	Source: Public Works Department Waste Management
Date Data Arrived at EDR: 10/04/2018	Telephone: 415-473-6647
Date Made Active in Reports: 11/02/2018	Last EDR Contact: 06/26/2019
Number of Days to Update: 29	Next Scheduled EDR Contact: 10/14/2019
	Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 05/29/2019	Source: Merced County Environmental Health
Date Data Arrived at EDR: 05/30/2019	Telephone: 209-381-1094
Date Made Active in Reports: 07/22/2019	Last EDR Contact: 05/16/2019
Number of Days to Update: 53	Next Scheduled EDR Contact: 09/02/2019
	Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 05/23/2019	Source: Mono County Health Department
Date Data Arrived at EDR: 05/30/2019	Telephone: 760-932-5580
Date Made Active in Reports: 07/22/2019	Last EDR Contact: 05/23/2019
Number of Days to Update: 53	Next Scheduled EDR Contact: 09/09/2019
	Data Release Frequency: Varies

MONTEREY COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA MONTEREY: CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 02/05/2019
Date Data Arrived at EDR: 02/07/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 26

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 06/28/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 02/21/2019
Date Data Arrived at EDR: 02/22/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 14

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List

CUPA facility list.

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 9

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 05/13/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/09/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 21

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/09/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 21

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST ORANGE: List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 04/02/2019
Date Data Arrived at EDR: 05/07/2019
Date Made Active in Reports: 07/16/2019
Number of Days to Update: 70

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/07/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 02/28/2019
Date Data Arrived at EDR: 03/01/2019
Date Made Active in Reports: 04/12/2019
Number of Days to Update: 62

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List

Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/12/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 18

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/12/2019
Date Made Active in Reports: 06/20/2019
Number of Days to Update: 69

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/05/2019
Date Data Arrived at EDR: 04/02/2019
Date Made Active in Reports: 06/18/2019
Number of Days to Update: 77

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 06/28/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/06/2019
Date Data Arrived at EDR: 04/02/2019
Date Made Active in Reports: 06/20/2019
Number of Days to Update: 79

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 06/28/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 48

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 07/16/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 05/31/2019
Date Data Arrived at EDR: 05/31/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 52

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 03/04/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 28

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 56

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 04/24/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 63

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

LUST SAN FRANCISCO: Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/05/2018
Date Data Arrived at EDR: 11/06/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 38

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA SAN LUIS OBISPO: CUPA Facility List Cupa Facility List.

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 58

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 03/04/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 47

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/10/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List

Cupa facility list

Date of Government Version: 05/16/2019
Date Data Arrived at EDR: 05/23/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 56

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST SANTA CLARA: LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 05/19/2019
Date Data Arrived at EDR: 05/23/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 60

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List

CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List

Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 03/05/2019
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 53

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 07/23/2019
Number of Days to Update: 47

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

SONOMA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA SONOMA: Cupa Facility List Cupa Facility list

Date of Government Version: 06/18/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 29

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 06/19/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 19

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/19/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List Cupa facility list

Date of Government Version: 12/11/2018
Date Data Arrived at EDR: 12/13/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 33

Source: Stanislaus County Department of Environmental Protection
Telephone: 209-525-6751
Last EDR Contact: 07/15/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 06/03/2019
Date Data Arrived at EDR: 06/04/2019
Date Made Active in Reports: 07/23/2019
Number of Days to Update: 49

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List Cupa facilities

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 58

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List Cupa facility list

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/24/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 06/28/2019
Number of Days to Update: 64

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List Cupa program facilities

Date of Government Version: 05/09/2019
Date Data Arrived at EDR: 05/10/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 68

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 03/26/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 63

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 07/22/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 05/09/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MED WASTE VENTURA: Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 03/26/2019	Source: Ventura County Resource Management Agency
Date Data Arrived at EDR: 04/25/2019	Telephone: 805-654-2813
Date Made Active in Reports: 05/30/2019	Last EDR Contact: 07/22/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 06/10/2019	Source: Environmental Health Division
Date Data Arrived at EDR: 06/12/2019	Telephone: 805-654-2813
Date Made Active in Reports: 07/24/2019	Last EDR Contact: 06/12/2019
Number of Days to Update: 42	Next Scheduled EDR Contact: 09/23/2019
	Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 03/29/2019	Source: Yolo County Department of Health
Date Data Arrived at EDR: 04/05/2019	Telephone: 530-666-8646
Date Made Active in Reports: 06/20/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 76	Next Scheduled EDR Contact: 10/14/2019
	Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 05/03/2019	Source: Yuba County Environmental Health Department
Date Data Arrived at EDR: 05/07/2019	Telephone: 530-749-7523
Date Made Active in Reports: 07/16/2019	Last EDR Contact: 04/25/2019
Number of Days to Update: 70	Next Scheduled EDR Contact: 08/12/2019
	Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 02/11/2019	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 02/12/2019	Telephone: 860-424-3375
Date Made Active in Reports: 03/04/2019	Last EDR Contact: 05/14/2019
Number of Days to Update: 20	Next Scheduled EDR Contact: 08/26/2019
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/09/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 05/01/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 51

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/01/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/27/2018
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/15/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/17/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 07/09/2018
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/10/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife

Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

CANNON STREET AT SERRANO AVENUE INTERSECTION
1884 N CARLSBAD ST
ORANGE, CA 92867

TARGET PROPERTY COORDINATES

Latitude (North):	33.820296 - 33° 49' 13.07"
Longitude (West):	117.795964 - 117° 47' 45.47"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	426337.5
UTM Y (Meters):	3742322.0
Elevation:	472 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5641308 ORANGE, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

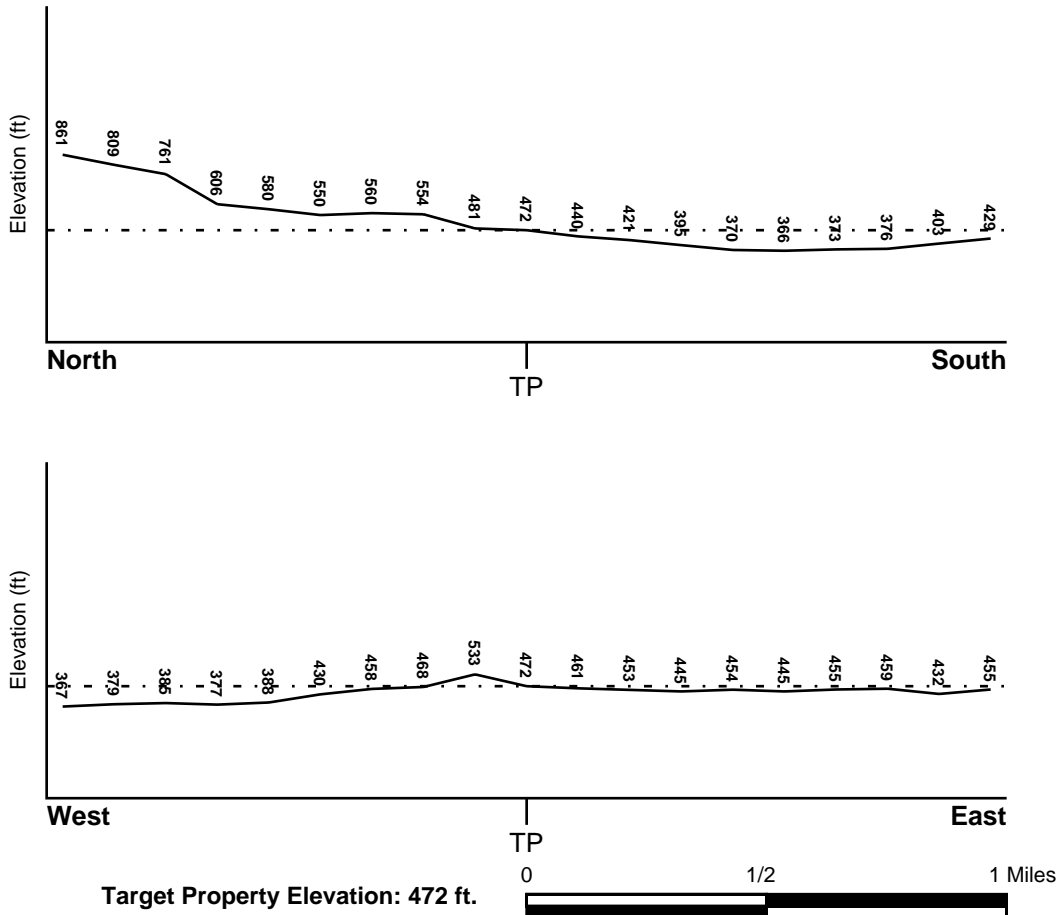
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General South

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
06059C0158J	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06059C0154J	FEMA FIRM Flood data
06059C0159J	FEMA FIRM Flood data
06059C0166J	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
ORANGE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
A3	1/2 - 1 Mile ESE	NW
A4	1/2 - 1 Mile ESE	NW
1G	1/2 - 1 Mile ESE	NW
2G	1/2 - 1 Mile ESE	NW

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

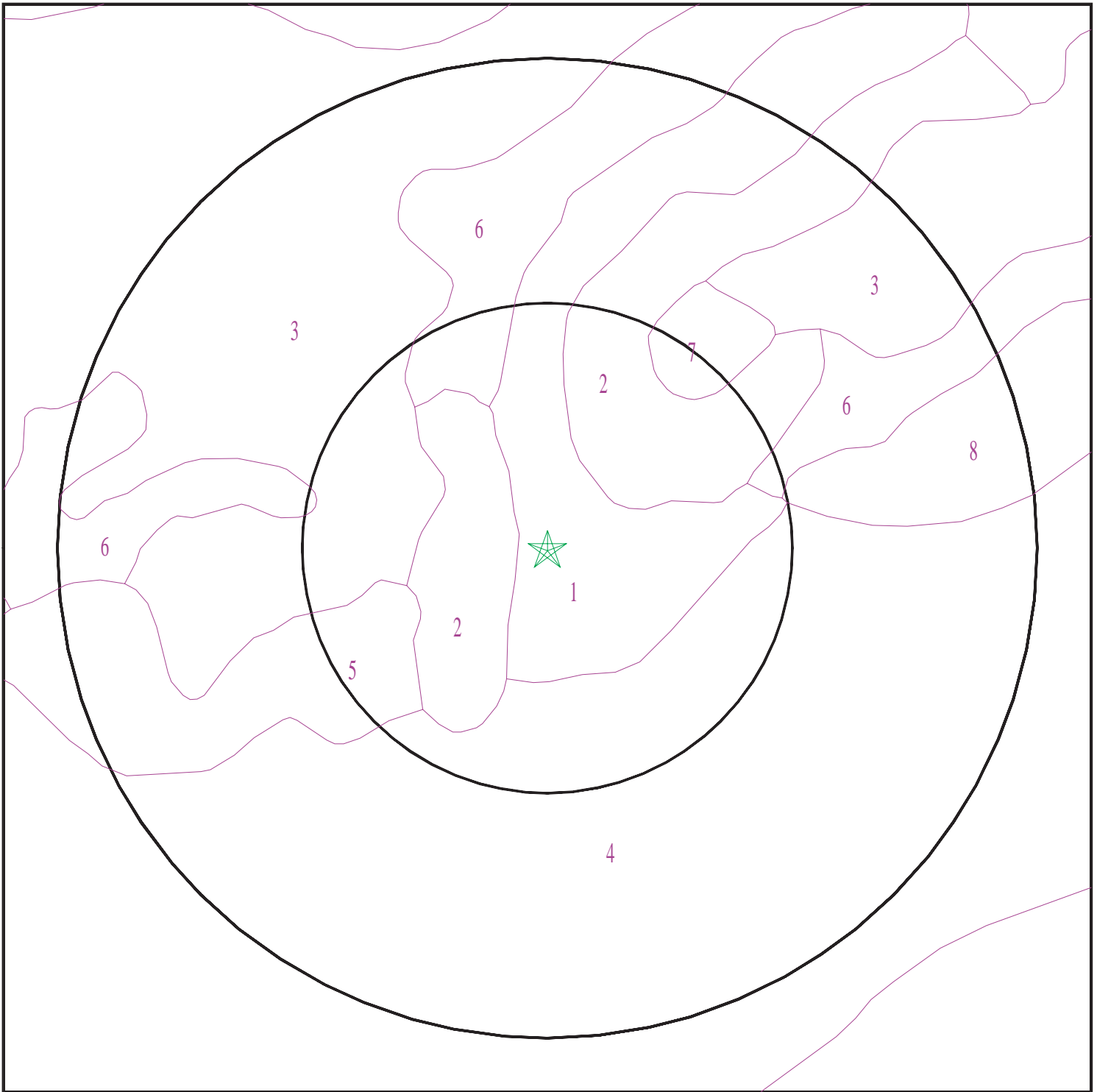
Era:	Cenozoic
System:	Tertiary
Series:	Miocene
Code:	Tm (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

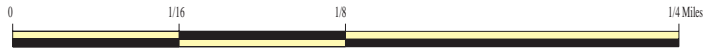
Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 5770332.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: Cannon Street at Serrano Avenue Intersection
ADDRESS: 1884 N Carlsbad St
Orange CA 92867
LAT/LONG: 33.820296 / 117.795964

CLIENT: Michael Baker International
CONTACT: Danielle Regimbal
INQUIRY #: 5770332.2s
DATE: August 28, 2019 9:10 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: SORRENTO

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 7.9
2	11 inches	61 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 7.9
3	61 inches	72 inches	stratified loamy fine sand to silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 7.9

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: ANAHEIM

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	25 inches	loam	Not reported	Not reported	Max: Min:	Max: Min:
2	25 inches	29 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 3

Soil Component Name: YORBA

Soil Surface Texture: gravelly sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 14 Min: 4	Max: 8.4 Min: 5.1
2	11 inches	40 inches	very gravelly sandy clay loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 14 Min: 4	Max: 8.4 Min: 5.1
3	40 inches	62 inches	very gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 14 Min: 4	Max: 8.4 Min: 5.1

Soil Map ID: 4

Soil Component Name: BOTELLA

Soil Surface Texture: clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	clay loam	Not reported	Not reported	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4
2	7 inches	35 inches	silty clay loam	Not reported	Not reported	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4
3	35 inches	66 inches	sandy clay loam	Not reported	Not reported	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4

Soil Map ID: 5

Soil Component Name: BALCOM

Soil Surface Texture: clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	29 inches	clay loam	Not reported	Not reported	Max: Min:	Max: Min:
2	29 inches	33 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 6

Soil Component Name: YORBA

Soil Surface Texture: cobbly sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	cobbly sandy loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 5.1
2	7 inches	35 inches	very gravelly clay loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 5.1
3	35 inches	62 inches	very gravelly sandy loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 5.1

Soil Map ID: 7

Soil Component Name: YORBA

Soil Surface Texture: gravelly sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	gravelly sandy loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 5.1
2	11 inches	40 inches	very gravelly sandy clay loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 5.1

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
3	40 inches	62 inches	very gravelly sandy loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 5.1

Soil Map ID: 8

Soil Component Name: BOTELLA

Soil Surface Texture: clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4
2	7 inches	35 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4
3	35 inches	66 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

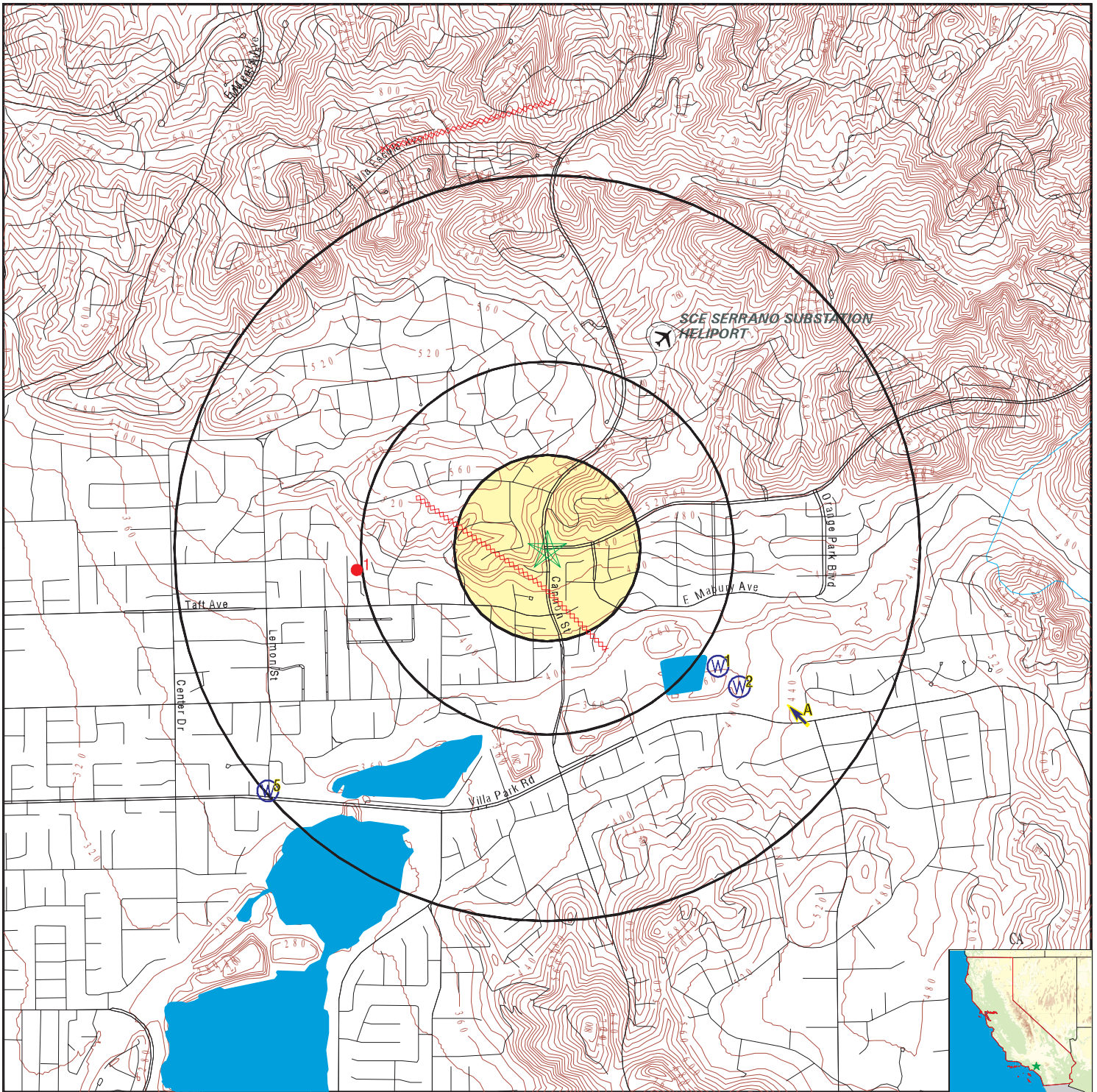
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	CADWR8000005672	1/2 - 1 Mile SE
2	CADWR8000005669	1/2 - 1 Mile SE
5	5039	1/2 - 1 Mile SW

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	CAOG13000006252	1/2 - 1 Mile West

PHYSICAL SETTING SOURCE MAP - 5770332.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: Cannon Street at Serrano Avenue Intersection
 ADDRESS: 1884 N Carlsbad St
 Orange CA 92867
 LAT/LONG: 33.820296 / 117.795964

CLIENT: Michael Baker International
 CONTACT: Danielle Regimbal
 INQUIRY #: 5770332.2s
 DATE: August 28, 2019 9:10 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
SE
1/2 - 1 Mile
Lower **CA WELLS** **CADWR8000005672**

State Well #:	04S09W23A004S	Station ID:	27127
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Coastal Plain Of Orange County		
Well Completion Rpt #:	Not Reported		

2
SE
1/2 - 1 Mile
Lower **CA WELLS** **CADWR8000005669**

State Well #:	04S09W23A001S	Station ID:	3604
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Coastal Plain Of Orange County		
Well Completion Rpt #:	Not Reported		

A3
ESE
1/2 - 1 Mile
Lower **AQUIFLOW** **65016**

Site ID:	083002699T		
Groundwater Flow:	NW		
Shallow Water Depth:	33		
Deep Water Depth:	50		
Average Water Depth:	Not Reported		
Date:	09/21/1998		

A4
ESE
1/2 - 1 Mile
Lower **AQUIFLOW** **65015**

Site ID:	083000012T		
Groundwater Flow:	NW		
Shallow Water Depth:	33		
Deep Water Depth:	50		
Average Water Depth:	Not Reported		
Date:	09/21/1998		

5
SW
1/2 - 1 Mile
Lower **CA WELLS** **5039**

Seq:	5039	Prim sta c:	04S/09W-22G01 S
Frds no:	3010082006	County:	30
District:	08	User id:	TEE
System no:	3010082	Water type:	G
Source nam:	WELL 04	Station ty:	WEL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	334839.9	Longitude:	1174829.9
Precision:	2	Status:	AU
Comment 1:	LOCATED ~140' E OF LEMON ST., & 65' S OF VILLA PARK DR.		
Comment 2:	Not Reported	Comment 3:	Not Reported
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported
System no:	3010082	System nam:	SERRANO ID

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Hqname:	Not Reported	Address:	18021 EAST LINCOLN
City:	VILLA PARK	State:	Not Reported
Zip:	92667	Zip ext:	Not Reported
Pop serv:	6500	Connection:	2129
Area serve:	VILLA PARK CITY		
Sample date:	19-JUL-12	Finding:	480.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	19-JUL-12	Finding:	2.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	19-JUN-12	Finding:	2.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	19-JUN-12	Finding:	0.3
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	19-JUN-12	Finding:	0.23
Chemical:	BROMIDE	Report units:	MG/L
Dir:	0.		
Sample date:	19-JUN-12	Finding:	480.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	19-JUN-12	Finding:	190.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	19-JUN-12	Finding:	170.
Chemical:	IRON	Report units:	UG/L
Dir:	100.		
Sample date:	19-JUN-12	Finding:	1080.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	19-JUN-12	Finding:	0.21
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	19-JUN-12	Finding:	1120.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	19-JUN-12	Finding:	7.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	19-JUN-12	Finding:	225.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	19-JUN-12	Finding:	275.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	19-JUN-12	Finding:	1.08
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	19-JUN-12	Finding:	390.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	19-JUN-12	Finding:	99.4
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	19-JUN-12	Finding:	34.4
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	19-JUN-12	Finding:	86.8
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	19-JUN-12	Finding:	3.1
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	19-JUN-12	Finding:	134.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	19-JUN-12	Finding:	190.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	01-MAR-12	Finding:	5020.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	01-MAR-12	Finding:	22.18
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		

1G ESE 1/2 - 1 Mile Lower	Site ID:	083002699T		
	Groundwater Flow:	NW	AQUIFLOW	65016
	Shallow Water Depth:	33		
	Deep Water Depth:	50		
	Average Water Depth:	Not Reported		
	Date:	09/21/1998		

2G ESE 1/2 - 1 Mile Lower	Site ID:	083000012T		
	Groundwater Flow:	NW	AQUIFLOW	65015
	Shallow Water Depth:	33		
	Deep Water Depth:	50		
	Average Water Depth:	Not Reported		
	Date:	09/21/1998		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
West
1/2 - 1 Mile

OIL_GAS CAOG13000006252

API #:	0405901247	Well #:	1
Well Status:	Plugged	Well Type:	DH
Operator Name:	Chevron U.S.A. Inc.	Lease Name:	Ragan (nct-1)
Field Name:	Any Field	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92867	43	3

Federal EPA Radon Zone for ORANGE County: 3

- Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for ORANGE COUNTY, CA

Number of sites tested: 30

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.763 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife

Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database

Source: Department of Public Health

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

California Earthquake Fault Lines

Source: California Division of Mines and Geology

The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon

Source: Department of Public Health

Telephone: 916-210-8558

Radon Database for California

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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TELEPHONE LOG

_____ Incoming Call
14:53 Outgoing Call

Job No. 172403
Date 10/24/2019

Individual Contact	<u>NA</u>	By	<u>Winnie Woo</u>
Title	<u>NA</u>	Phone	<u>949.472.3407</u>
Company / Agency	<u>OC DEH</u>	Project Name	<u>Cannon Serrano</u>
Address	<u>NA</u>		

Subject of Contact:

Items Discussed:

Request information regarding record request submission on the OC Public Record Requests website (<https://orangecounty.nextrequest.com>). Spoke to Laurie.

****SEE PDF OF REQUEST SUBMISSION CONFIRMATION ****

Action to be Taken:

N/A

Closed Disposal Site Inspection Report (188)

Enforcement Agency:		County of Orange			
SWIS Facility File Number (99-xx-9999)		Inspection Date		Program Code	
30-CR-0098		1/25/2016		LEA Periodic	
Time In	9:15 am	Time Out	9:30 am	Inspection Time	0.25 hour
Facility Name			Received By		
Cerro Villa Heights Disposal Station #7			City Of Orange		
Facility Location			Owner Name		
1/4 Mi E Of Loma St 1000 Ft Se Of Mesa, Orange 92867					
Inspector			Also Present (Name)		
Dean Clarke					

THE ABOVE FACILITY WAS INSPECTED FOR COMPLIANCE WITH APPLICABLE SECTIONS OF THE DIVISION 30 OF THE PUBLIC RESOURCES CODE (PRC) AND TITLE 14 AND TITLE 27 CALIFORNIA CODE OF REGULATIONS (CCR)

No Violations or Areas of Concern

A Regulations

Inspection Report Comments:

Annual Inspection

Inspection Notes:

1. This closed disposal site is surrounded by a locked chain link fence with limited pedestrian access allowed.
2. No illegal dumping was observed.
3. The LEA did not observe any erosion channels or litter on-site.

No Violations or Areas of Concern

Mail to: 1.City of Orange Community Services Department, Dana Robertson, Director, 230 E. Chapman, Orange, CA 92866 2.Warisa Niizawa, OC Waste & Recycling, 3. SCAQMD 4.Keith Person, SARWQCB, 5.Glenn Young, Cal Recycle



California Regional Water Quality Control Board Santa Ana Region



Winston H. Hlckox
Secretary for
Environmental
Protection

Internet Address: <http://www.swrcb.ca.gov/rwqcb8>
3737 Main Street, Suite 500, Riverside, California 92501-3348
Phone (909) 782-4130 - FAX (909) 781-6288

Gray Davis
Governor

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website at www.swrcb.ca.gov/rwqcb8.

May 20, 2002

Pamela Galera
City of Orange
Department of Community and Library Services
230 E. Chapman Avenue
Orange, California 92866

PROPOSED DEVELOPMENT OF CERRO VILLA HEIGHTS LANDFILL, ORANGE COUNTY

Dear Ms. Galera:

We are in receipt of the Phase II Sampling and Analysis Workplan prepared by SCS Engineers on the City's behalf for the Cerro Villa Heights Landfill development project. The plan assess the potential for water quality- and landfill gas related-impacts as a result of the construction of a recreational park on top of the old landfill parcel. Based on the information contained in the workplan, the proposed development should not impact water quality or the environment. Therefore, no additional investigations of the landfill will be required and no mitigation measures for the development of the site are necessary. The Regional Board will take no further action on this site.

Please be advised that this letter does not relieve you of your responsibility to comply with the requirements of other regulatory agencies.

If you have any questions, please contact Keith Person at (909) 782-4997 or you may call me at (909) 782-3295.

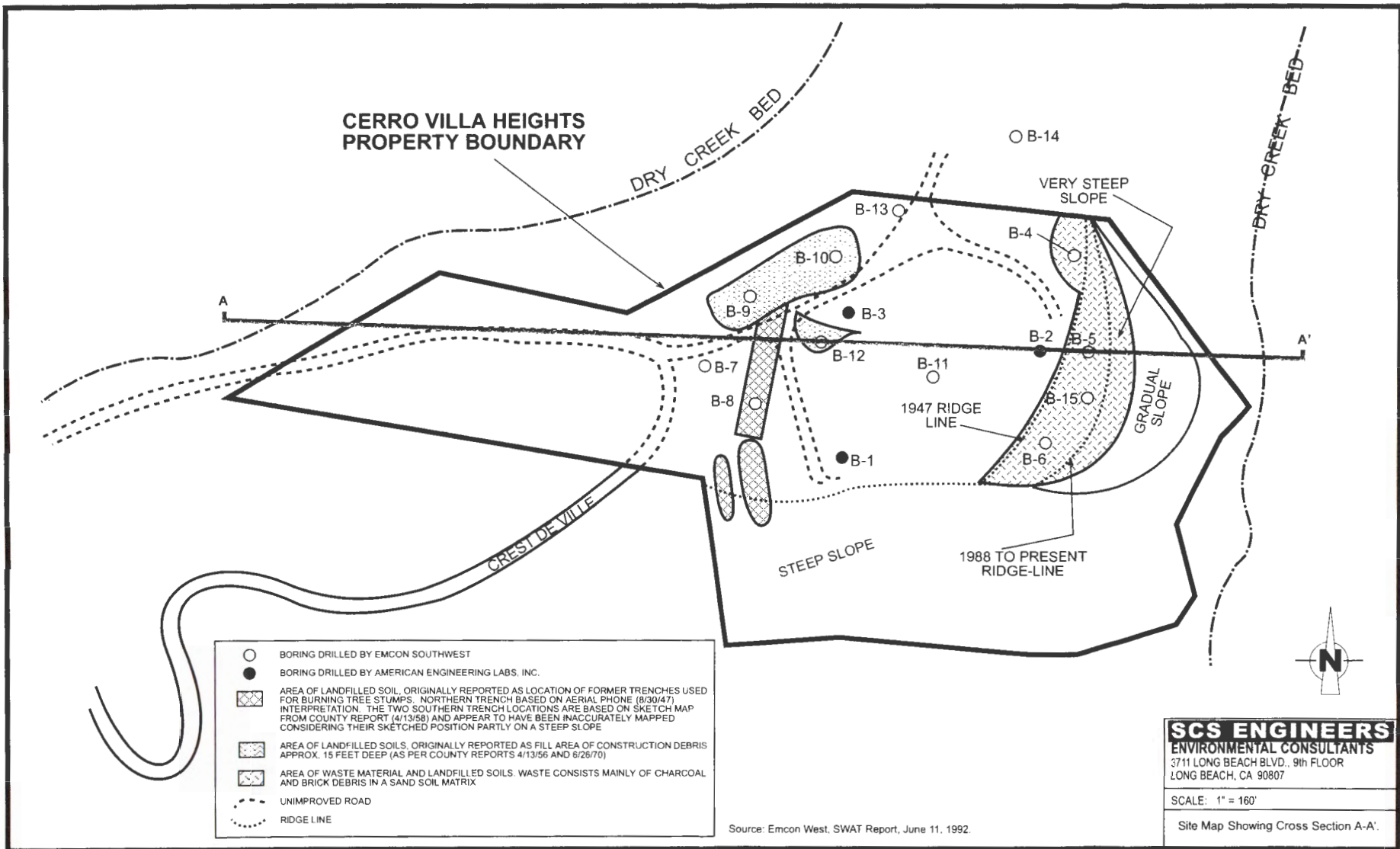
Sincerely,

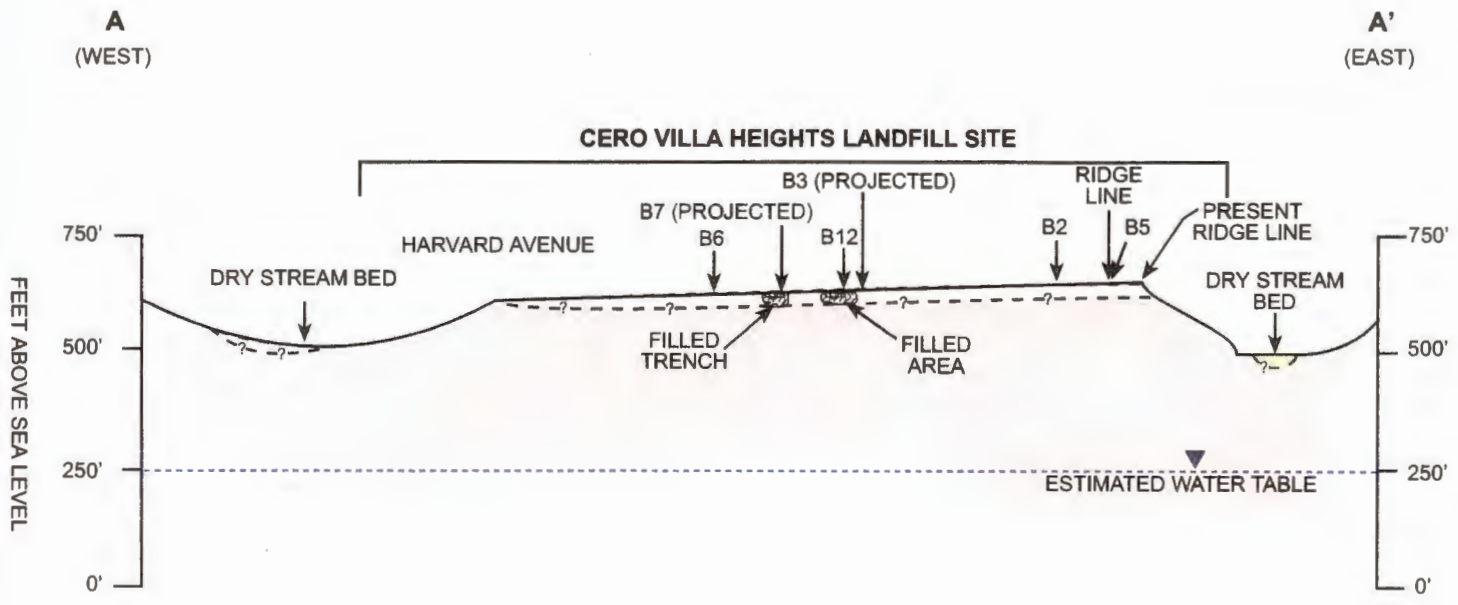
for Dixie B. Lass, Chief
Land Disposal Section





cc: —Anthony J. Maggio, SCS Engineers
Quang Nguyen, Orange County Health Care Agency, Local Enforcement
Rochelle Carpenter, Orange County Integrated Waste Management Department
Lyn Ahrens, Orange County Environmental Planning Department

D: data/disposal/landfill/summary/cerrovillal landfill

California Environmental Protection Agency





LEGEND	
	QT QUATERNARY TERRACE DEPOSITS
	Qac QUATERNARY ALUVIUM AND COLLUVIUM
	Tsv SESPE-VAQUEROS FORMATION
	FORMATION CONTACTS, DASHED WHERE UNCERTAIN; QUERIED WHERE INFERRED

Source: Emcon West, SWAT Report, June 11, 1992.

SCS ENGINEERS
ENVIRONMENTAL CONSULTANTS
 3711 LONG BEACH BLVD., 9th FLOOR
 LONG BEACH, CA 90807

APPROX. SCALE: 1" = 840'

Site Geologic Cross Section A-A'.

2.0 SITE HISTORY AND BACKGROUND

This section provides general site and background information for the former Cerro Villa Heights Refuse Disposal Station. The information was excerpted from various site documents. Specifically identified references (Ref.) are referred to by number with the references listed in Section 5.0.

2.1 FORMER REFUSE DISPOSAL STATION USE HISTORY AND INFORMATION

1. The former refuse disposal station is located in the City of Orange off of Cannon (formerly Loma) Street at the southern edge of the Peralta Hills (see Figure 1). The site was operational from October 1947 to December 1957 (Ref. 7-1). From 1947 until 1950, the site accepted all types of municipal solid waste (MSW) and construction debris. As indicated in the County Surveyor and Road Commissioner's office First Semiannual Report to the Board of Supervisors dated January 1959, burning was conducted on a regular basis until 1956. The site was converted to a cut and cover operation until closure on December 16, 1957. The site comprises 26.7 acres with the burn ash and inert construction debris contained within approximately 4.1 acres which includes the gully on the north side, two trenches used for burning and the area over the eastern edge of the steep slope (Refs. G-4, 7-3 and 7-6).
2. The wastes were burned and the residue and noncombustible material was placed into a gully on the central northern section of the site. From 1950 until closure, operations were confined to accepting only large tree timbers, tree trunks, and stumps. Tree stumps were deposited in a separate area over the slope at the eastern edge of the site, then burned and bulldozed. Due to the moisture content, the stumps were difficult to ignite. Trenches were created to effectively burn the tree stumps, etc., and the ash was then disposed of over the eastern slope (Refs. 7-3 and G-4).
3. The maximum depth in the gully, where burned MSW and construction debris was deposited, is approximately 15 feet. The average thickness of disposed material is estimated at 10 feet (Ref. 7-3).

2.2 LAND OWNERSHIP AND OTHER RELEVANT SITE DATA

1. The County was the former owner of the former Cerro Villa Heights Refuse Disposal Station, which began operations in October 1947. Operations ceased in December 1957. In 1972, the site was leased for park and recreational uses to the City of Orange with an option to purchase. At the end of the lease, the property was deeded to the City of Orange on May 4, 1982 (Ref. 7-3).
2. The current owner, according to the Orange County Assessors office, is the City of Orange, which owns Parcel Number 370-271-01 (Ref. 7-3).

2.3 CURRENT AND PROPOSED LAND USE

The site is currently undeveloped. The City of Orange has proposed to create a park on the site (Ref. 7-3). In 1991, Professional Service Industries, Inc. (PSI) performed a limited subsurface investigation for the City of Orange for the proposed park site (Ref. 7-9).

2.4 SURROUNDING LAND USES

The surrounding land is primarily residential, consisting of the housing communities of Parkridge Hills to the north and east, Mabury Ranch to the south and Colony Crest de Ville and Villa Park to the west.

2.5 GEOLOGIC CONDITIONS

1. As indicated in the Water Solid Waste Assessment Test (SWAT) report, the site is situated in a foothill area on the western flank of the Santa Ana Mountains. The site vicinity consists of hills and mountains which range in elevation from approximately 600 to 1,200 feet above mean sea level (msl). Tertiary bedrock formations along with Quaternary terrace deposits, alluvium and colluvium underlie the site (Ref. 7-3).
2. The Tertiary bedrock formations generally dip 30 degrees to the south. Numerous faults with minor displacements are present in the site vicinity. The Sespe-Vaqueros Formation,

3. Two ground water extraction wells lie within 1 mile of the site (A-1 and -4, see Figure 7 of Appendix A). According to laboratory data provided by the OCWD, the water from wells A-1 and A-4 contains trace amounts of trichloroethene (TCE) and toluene (Ref. 7-3).
4. The review of the 1992 Ground Water Contour Map of Orange County by Agra Earth & Environmental (AEE) indicates that ground water near the site lies at an elevation ranging from 60 to 80 feet above msl, and has a southwesterly flow direction (Ref. 7-8). The approximate depth to ground water was estimated to be 350 feet below ground surface (bgs) at the site (Ref. 7-3).

2.7 CLOSURE CONDITIONS

The disposal station ceased operations in 1957. The last year that it was in operation (1956-1957), the site had been converted to a cut and cover operation. An estimated 18,500 tons of inert cover material (soils, rip-rap etc.), burned wood (charcoal and ash), and noncombustible construction debris were originally emplaced at the site. Based on previous field investigations, it appears that a soil cover of approximately 2.5 feet was placed to cover the waste. No further closure details were available (Refs. 7-3 and G-43).

3.0 FINDINGS OF LITERATURE REVIEW

This section summarizes the available existing information contained in reports and communications pertinent to the site's cover, refuse limits and depth, LFG migration, and ground water and surface water quality. This information leads to an understanding of potential environmental conditions and allows for identification of potential mitigation, maintenance and monitoring activities that may be required.

3.1 REFUSE PRISM COVER - THICKNESS, EROSION, AND SOIL TYPE

1. Boring Logs completed for the water SWAT, indicated there was 2.5 feet of cover over the refuse found in borings B-4 and B-15 (the only borings to encounter waste) (Ref. 7-3). The boring locations and logs are included in Appendix B.1.
2. During the quarterly closed site inspections from September 1996 to December 1999, the LEA noted no violations concerning the integrity of the cover (e.g., settlement, cracking, exposed waste, erosion channels). It has been observed by the LEA that the site has been graded and covered with native soil (Ref. 7-10).

3.2 REFUSE LIMITS AND DEPTH

1. Estimated refuse limits are shown on Figure 2 in Appendix A.
2. Waste primarily consisted of burned MSW and burned trees. Ash was disposed of in the gully on the central northern section of the site and over the eastern edge of the steep slope.
3. Extent of waste placement is not well defined, but the waste is contained within approximately 4.1 acres of the 26.7-acre site (Ref. 7-6). Multiple discrete areas were used for disposal of refuse. Locations include the gully where waste was placed initially, two trenches where the tree stumps and trunks were burned and the area over the steep slope on the eastern side of the site.
4. Thickness of waste varies. The average thickness determined from the borings B-4 and B-15 (Appendix B.1) was 10 feet. The depth of waste in the gully was 15 feet (Ref. 7-3).

3.3 LANDFILL GAS MIGRATION

1. The LEA has noted concerns about LFG control due to the proximity of residences in the area (Ref. 7-10).
2. In a 1991 report, PSI summarized the limited subsurface investigation of the site for the City of Orange, Parks Division. The purpose of this investigation was to assess the potential for hazardous materials contamination due to past dumping activities at the site. Three borings B1, B2, and B3 were completed by American Engineering Laboratories, Inc. for PSI (Appendix B.2). During the drilling, periodic air monitoring was performed to determine if source point emissions occurred from the borings. Downwind locations were also monitored. A Bachrach Sniffer 505 calibrated to methane gas was used for all air monitoring. No airborne contaminants were detected during monitoring (Ref. 7-9).
3. In 1989, Michael L. Ahlering & Associates prepared an Environmental Impact Report (EIR) for the development of the Parkridge Hills Estates housing community (Figure 7 in Appendix C). This EIR concluded "the developer shall conduct limited testing along the boundaries of the project site adjacent to the former dump to assure that waste materials do not extend onto the project site. Testing shall also include methane soil gas migration tests" (Ref. 7-7). In 1995, a Phase I Environmental Site Assessment (ESA) was performed in the Parkridge Hills Estates located for the tract adjacent to the northern boundary of the site (Site Plan in Appendix C). The ESA evaluated the potential presence of hazardous substances due to past or present land use practices at the site, or from nearby sites. Agra Earth & Environmental concluded from the PSI investigation and site reconnaissance that possible methane gas generation at the former dumpsite is not a potential environmental concern at the subject property (Ref. 7-8).
4. On February 7 and 8, 1996, Clements Environmental Corporation conducted a soil gas survey at the former disposal station site for the County Sanitation Districts of Orange County (Appendix D). Twenty-seven 5-foot probes were installed along the perimeter of the graded area of the site. Methane was not detected in any of the samples taken. One sample detected 0.015 µg/l of 1,1,1-trichloroethane (1,1,1-TCA) near the fence on the western side. Another sample from the eastern side of the site detected tetrachloroethene (PCE) with a concentration of 0.035 µg/l (Ref. G-41). The minimal concentrations detected are unlikely to exceed action levels.

3.4 GROUND WATER QUALITY

1. The water SWAT was the only ground water study performed for the site. No ground water monitoring wells were installed due to the depth of ground water being approximately 350 feet bgs.
2. Vadose-zone sampling was performed as part of the SWAT. Twelve boreholes were made to determine the location of refuse and locate any contaminants from the refuse in the soil (See Appendix B.1). Contamination was only found in the two borings (B-4, B-15) which also encountered refuse from 2.5 to 12.5 feet bgs. Analytical results found only one chemical compound in one sample indicative of waste. Pesticide P,P'-DDE with a concentration of 12.6 µg/kg was found in boring B-4 at 10 feet bgs. This concentration is well below the Total Threshold Limit Concentration (TTLC) of 1.0 mg/kg and is not classified as exhibiting characteristics of toxicity according to CCR Section 66261.24. Acetone was detected (1.1 mg/kg) in boring B-15 at 5 feet bgs. No other contaminants were detected in the soil samples (Ref. 7-3).
3. Due to the relatively deep ground water and the type and quantity of waste materials present, the possibility of finding refuse-derived compounds in ground water beneath the site is remote. The Regional Water Quality Control Board (RWQCB) approved the SWAT Workplan which did not require that ground water monitoring wells be installed on site (Ref. 7-2).

STATE WATER RESOURCES CONTROL BOARD GEOTRACKER



LANDFILL, CERRO VILLA HEIGHTS (L10005556356) - (MAP)

[SIGN UP FOR EMAIL](#)

CREST DE VILLE
ORANGE, CA
ORANGE COUNTY
[LAND DISPOSAL SITE \(INFO\)](#)
[PRINTABLE CASE SUMMARY](#) / [CSM REPORT](#)

CLEANUP OVERSIGHT AGENCIES
SANTA ANA RWQCB (REGION 8) (**LEAD**) - CASE #: 8:
CASEWORKER: [KEITH PERSON](#)

[Summary](#) [Cleanup](#) [Action Report](#) [Regulatory Activities](#) [Environmental Data \(ESI\)](#) [Site Maps / Documents](#) [Community Involvement](#) [Related Cases](#)

Regulatory Profile

[PRINTABLE CASE SUMMARY](#)

CLEANUP STATUS - [DEFINITIONS](#)

COMPLETED - CASE CLOSED AS OF 11/4/2009 - [CLEANUP STATUS HISTORY](#)

POTENTIAL CONTAMINANTS OF CONCERN

NONE SPECIFIED

FILE LOCATION

DWR GROUNDWATER SUB-BASIN NAME

Coastal Plain Of Orange County (8-001)

FACILITY TYPE

TITLE 27 - MUNICIPAL SOLID WASTE LANDFILL

POTENTIAL MEDIA OF CONCERN

NONE SPECIFIED

DESIGNATED GROUNDWATER BENEFICIAL USE(S) - [DEFINITIONS](#)

MUN

CALWATER WATERSHED NAME

Santa Ana River - Lower Santa Ana River - East Coastal Plain (801.11)

Site History

DISPOSAL STATION #7- CERRO VILLA

HISTORICAL SUMMARY

The site is located 1 1/4 mile east of Cannon Street between E. Serrano Avenue and East Goldenrod Lane in the City of Orange.

Dates of Operation and Closure

The County operated the refuse disposal station from 1946 to 1957.

Size and Types of Waste

The 26.7-acre open trench site received construction debris prior to 1950, after which it received only tree trunks and stumps for burning.

History

1946 County acquired site.

1945-1957 County operated site as a refuse disposal station.

1957 County ceased operations and closed station.

1959 County Right of Way Department took over management of site.

1972 City of Orange leased site for potential park and recreation purposes.

1982 County sold site to City.

1992 A water Solid Waste Assessment Test (SWAT) conducted and report submitted to the Regional Water Quality Control Board (RWQCB). Groundwater monitoring wells not installed because groundwater is estimated 350 feet below ground surface and unaffected by the former refuse disposal station.

2000 Site included in Closed Landfill Environmental Assessment and Response (CLEAR) project. No fieldwork was required as part of initial site assessment. Site assessment report was completed and submitted to the Local Enforcement Agency.

2001 Site included as part of a Brownfields grant awarded to City for investigation of two potential park sites.

2002 City retained consultant to conduct environmental site assessment for proposed park development.

2003 City consultant completed environmental assessment of site.

2004-2009 No activity at site. LEA annual site reports recorded no violations or areas of concern.

Current Owner: City of Orange

Current Land Use: Open space

Environmental Control Measures: No control measures are currently in place at site.

[Back to Top](#)

[Privacy Policy](#)

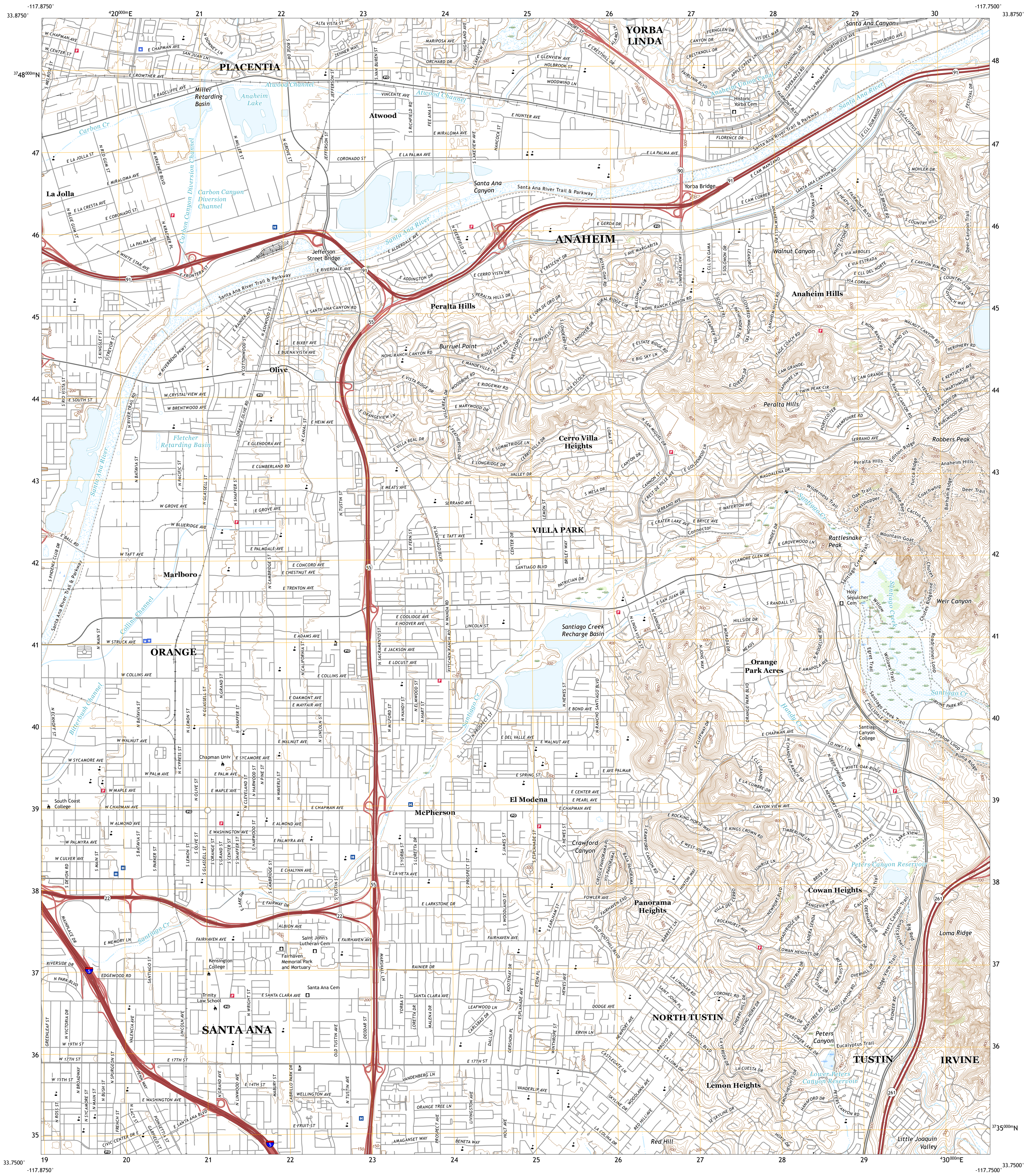
[Contact Us](#)

[Conditions of Use](#)

[Accessibility](#)

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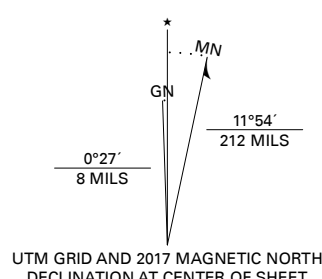
**APPENDIX C:
DOCUMENTATION**



Produced by the United States Geological Survey

North American Datum of 1983 (NAD83) World Geodetic System of 1984 (WGS84) Projection and 1 000-meter grid/Universal Transverse Mercator, Zone 11S This map is not a legal document. Boundaries may be generalized for this map scale. Private lands within government reservations may not be shown. Obtain permission before entering private lands.

Imagery: NAIP, June 2016 - October 2016 Roads: U.S. Census Bureau, 2016 Names: GNS, 1981 - 2018 Hydrography: National Hydrography Dataset, 2001 Contours: National Elevation Dataset, 1999 - 2013 Boundaries: Multiple sources; see metadata file, 2016 - 2017 Public Land Survey System: BLM, 2018 Wetlands: FWS National Wetlands Inventory 2002 - 2006



ADJOINING QUADRANGLES

1	2	3
4	5	6
7	8	

1 La Habra
2 Yorba Linda
3 Prado Dam
4 Anaheim
5 Black Star Canyon
6 Newport Beach
7 Tustin
8 Lake Forest

ROAD CLASSIFICATION

Expressway	Local Connector
Secondary Hwy	Local Road
Ramp	4WD
Interstate Route	US Route
	State Route



Orange County and Part of Riverside County, California

132—Botella clay loam, 2 to 9 percent slopes, warm MAAT, MLRA 19

Map Unit Setting

National map unit symbol: 2tyz8
Elevation: 80 to 1,450 feet
Mean annual precipitation: 14 to 16 inches
Mean annual air temperature: 64 to 65 degrees F
Frost-free period: 330 to 360 days
Farmland classification: Prime farmland if irrigated

Map Unit Composition

Botella and similar soils: 90 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Botella

Setting

Landform: Alluvial fans
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Riser, flat
Down-slope shape: Linear
Across-slope shape: Convex
Parent material: Alluvium derived from sedimentary rock

Typical profile

A - 0 to 8 inches: clay loam
2Bt - 8 to 35 inches: silty clay loam
2C - 35 to 66 inches: clay loam

Properties and qualities

Slope: 2 to 9 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Runoff class: Medium
Capacity of the most limiting layer to transmit water (Ksat):
Moderately high (0.20 to 0.60 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: High (about 10.0 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability classification (nonirrigated): 3e
Hydrologic Soil Group: C
Ecological site: CLAYEY (1975) (R019XD001CA)

Hydric soil rating: No

Minor Components

Sorrento

Percent of map unit: 6 percent

Landform: Alluvial fans

Landform position (two-dimensional): Footslope

Down-slope shape: Linear

Across-slope shape: Linear

Hydric soil rating: No

Mocho

Percent of map unit: 4 percent

Landform: Alluvial fans

Landform position (two-dimensional): Footslope

Landform position (three-dimensional): Tread

Down-slope shape: Linear

Across-slope shape: Linear

Hydric soil rating: No

Data Source Information

Soil Survey Area: Orange County and Part of Riverside County, California

Survey Area Data: Version 13, Sep 16, 2019

Orange County and Part of Riverside County, California

207—Sorrento loam, 2 to 9 percent slopes, warm MAAT, MLRA 19

Map Unit Setting

National map unit symbol: 2tz0c
Elevation: 0 to 1,340 feet
Mean annual precipitation: 12 to 18 inches
Mean annual air temperature: 62 to 66 degrees F
Frost-free period: 320 to 365 days
Farmland classification: Prime farmland if irrigated

Map Unit Composition

Sorrento and similar soils: 85 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Sorrento

Setting

Landform: Alluvial fans
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Base slope
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium derived from sedimentary rock

Typical profile

A - 0 to 12 inches: loam
AB - 12 to 37 inches: silty clay loam
Bk - 37 to 62 inches: silty clay loam
2C - 62 to 72 inches: sandy loam

Properties and qualities

Slope: 2 to 9 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Runoff class: Medium
Capacity of the most limiting layer to transmit water (Ksat):
Moderately high (0.20 to 0.60 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum in profile: 5 percent
Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Available water storage in profile: High (about 11.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3e
Hydrologic Soil Group: C
Ecological site: LOAMY (1975) (R019XD029CA)
Hydric soil rating: No

Minor Components

Mocho

Percent of map unit: 7 percent
Landform: Alluvial fans
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Base slope
Down-slope shape: Linear
Across-slope shape: Linear
Hydric soil rating: No

Botella

Percent of map unit: 2 percent
Landform: Alluvial fans
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Base slope
Down-slope shape: Linear
Across-slope shape: Linear
Ecological site: LOAMY (1975) (R019XD029CA)
Hydric soil rating: No

Pico

Percent of map unit: 2 percent
Landform: Alluvial fans
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Base slope
Down-slope shape: Linear
Across-slope shape: Linear
Hydric soil rating: No

Garretson

Percent of map unit: 2 percent
Landform: Alluvial fans
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Base slope
Down-slope shape: Linear
Across-slope shape: Linear
Hydric soil rating: No

Anacapa

Percent of map unit: 2 percent
Landform: Alluvial fans
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Base slope
Down-slope shape: Linear
Across-slope shape: Linear

Hydric soil rating: No

Data Source Information

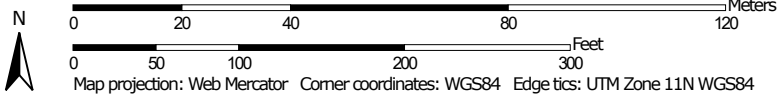
Soil Survey Area: Orange County and Part of Riverside County, California
Survey Area Data: Version 13, Sep 16, 2019

Soil Map—Orange County and Part of Riverside County, California




Soil Map may not be valid at this scale.

Map Scale: 1:1,390 if printed on A landscape (11" x 8.5") sheet.





MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Orange County and Part of Riverside County, California
Survey Area Data: Version 12, Sep 12, 2018

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: May 3, 2010—Jul 2, 2014

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
132	Botella clay loam, 2 to 9 percent slopes, warm MAAT, MLRA 19	0.2	6.2%
207	Sorrento loam, 2 to 9 percent slopes, warm MAAT, MLRA 19	2.4	93.8%
Totals for Area of Interest		2.6	100.0%

EPA Radon Zones (with State Information)

The Map of Radon Zones was developed in 1993 to identify areas of the U.S. with the potential for elevated indoor radon. Map of Radon Zones should not be used to determine if individual homes need to be tested. No matter where you live, test. Consider fixing if your level is between 2 and 4 pCi/L.

The Map of Radon Zones was developed using data on indoor radon measurements, geology, aerial radioactivity, soil par further understand and predict the radon potential for a specific area.

To learn more about radon, visit [EPA's Radon Website](#).

For radon information in locations outside of the continental United States please use the links below to view each location on the map.

- Hawaii
- Guam
- Puerto Rico
- Virgin Islands

LEGEND

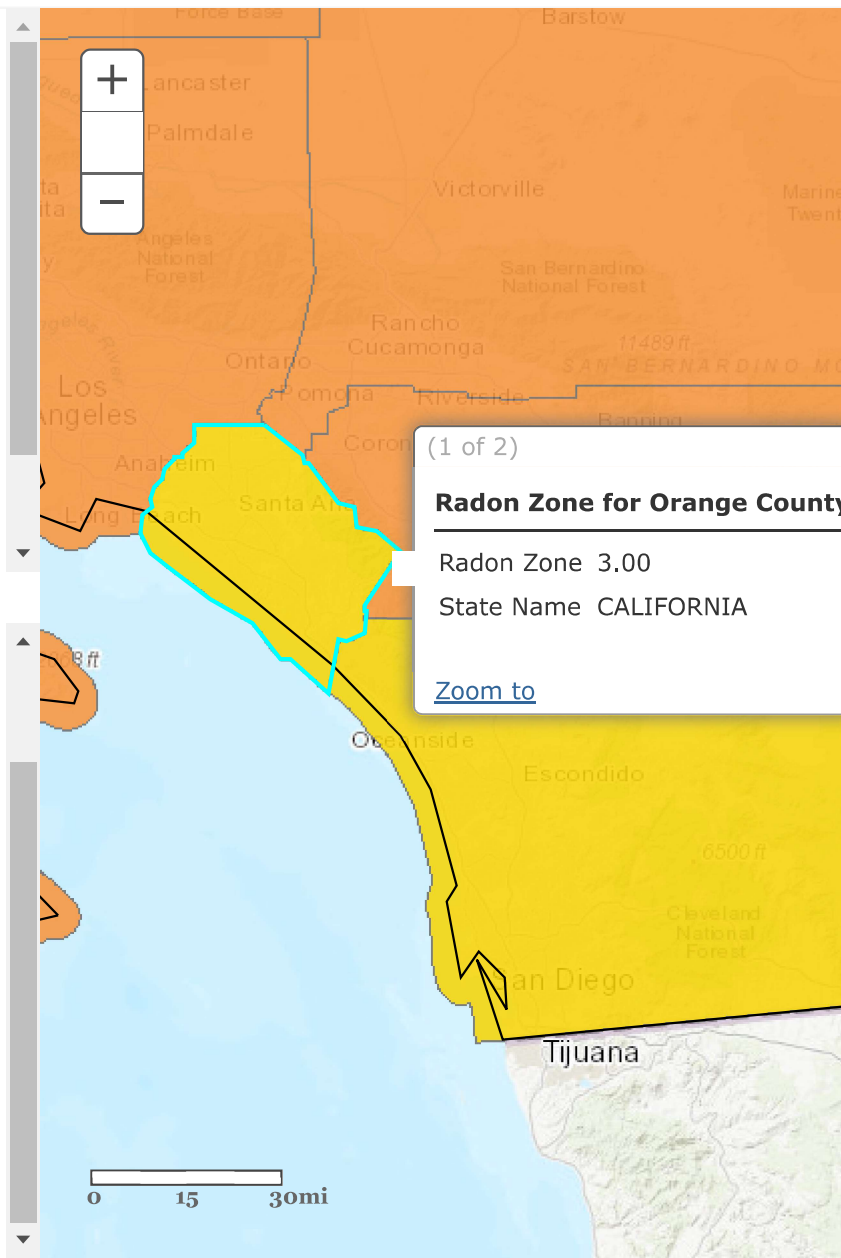
USA States Boundaries



Radon Zones by County

Radon Data

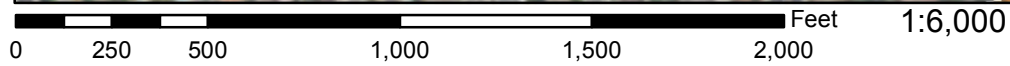
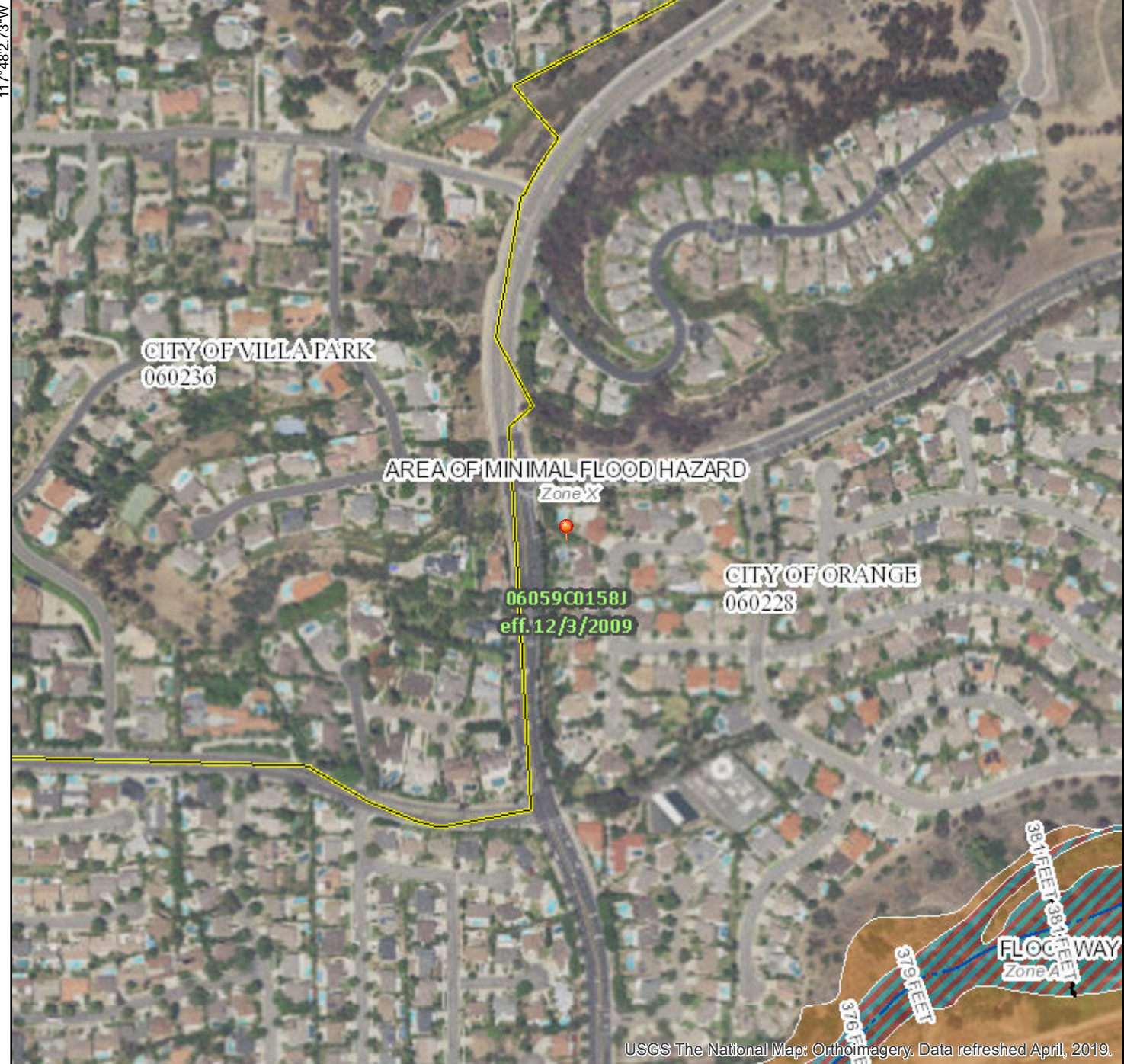
- Zone 1: Counties with predicted average indoor radon screening levels greater than 4 pCi/L
- Zone 2: Counties with predicted average indoor radon screening levels from 2 to 4 pCi/L
- Zone 3: Counties with predicted average indoor radon screening levels less than 2 pCi/L



National Flood Hazard Layer FIRMette



33°49'26.51"N



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS	Without Base Flood Elevation (BFE) Zone A, V, A99	With BFE or Depth Zone AE, AO, AH, VE, AR
	Regulatory Floodway	

OTHER AREAS OF FLOOD HAZARD	
	0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone X</i>
	Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
	Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>
	Area with Flood Risk due to Levee <i>Zone D</i>

OTHER AREAS	
	NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>
	Effective LOMRs
	Area of Undetermined Flood Hazard <i>Zone D</i>

GENERAL STRUCTURES	
	Channel, Culvert, or Storm Sewer
	Levee, Dike, or Floodwall

OTHER FEATURES	
	Cross Sections with 1% Annual Chance Water Surface Elevation
	Coastal Transect
	Base Flood Elevation Line (BFE)
	Limit of Study
	Jurisdiction Boundary
	Coastal Transect Baseline
	Profile Baseline
	Hydrographic Feature

MAP PANELS	
	Digital Data Available
	No Digital Data Available
	Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 9/25/2019 at 7:31:52 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



117°47'25.27"W

33°48'56.62"N

Cannon Street at Serrano Avenue Intersection

1884 N Carlsbad St

Orange, CA 92867

Inquiry Number: 5770332.4

August 28, 2019

EDR Historical Topo Map Report

with QuadMatch™



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

08/28/19

Site Name:

Cannon Street at Serrano Ave
1884 N Carlsbad St
Orange, CA 92867
EDR Inquiry # 5770332.4

Client Name:

Michael Baker International
14725 Alton Parkway
Irvine, CA 92618
Contact: Danielle Regimbal



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Michael Baker International were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:**Coordinates:**

P.O.#	NA	Latitude:	33.820296 33° 49' 13" North
Project:	Cannon Street at Serrano Ave.	Longitude:	-117.795964 -117° 47' 45" West
		UTM Zone:	Zone 11 North
		UTM X Meters:	426339.12
		UTM Y Meters:	3742515.84
		Elevation:	469.45' above sea level

Maps Provided:

2012	1932
1981	1902
1972	1901
1964	1898
1950	1896
1949	
1942	
1935	

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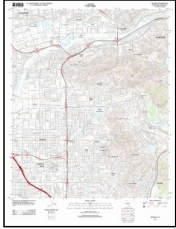
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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



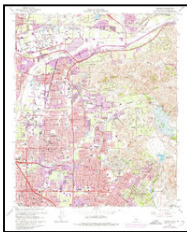
Orange
2012
7.5-minute, 24000

1981 Source Sheets



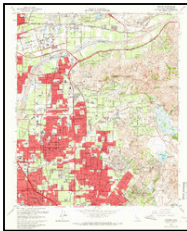
Orange
1981
7.5-minute, 24000
Aerial Photo Revised 1978

1972 Source Sheets



Orange
1972
7.5-minute, 24000
Aerial Photo Revised 1972

1964 Source Sheets



Orange
1964
7.5-minute, 24000
Aerial Photo Revised 1963

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1950 Source Sheets



Orange
1950
7.5-minute, 24000
Aerial Photo Revised 1946

1949 Source Sheets



Orange
1949
7.5-minute, 24000
Aerial Photo Revised 1946

1942 Source Sheets



ANAHEIM
1942
15-minute, 50000

1935 Source Sheets



Orange
1935
7.5-minute, 31680

Topo Sheet Key

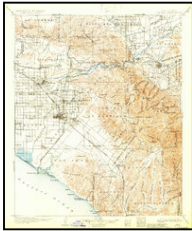
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1932 Source Sheets



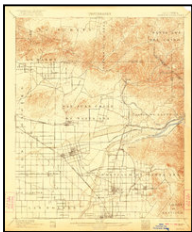
Orange
1932
7.5-minute, 31680

1902 Source Sheets



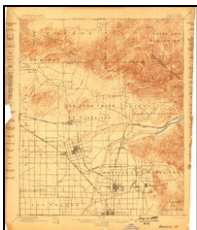
Corona
1902
30-minute, 125000

1901 Source Sheets



Anaheim
1901
15-minute, 62500

1898 Source Sheets

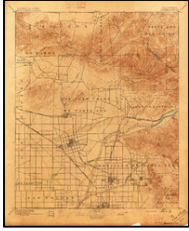


Anaheim
1898
15-minute, 62500

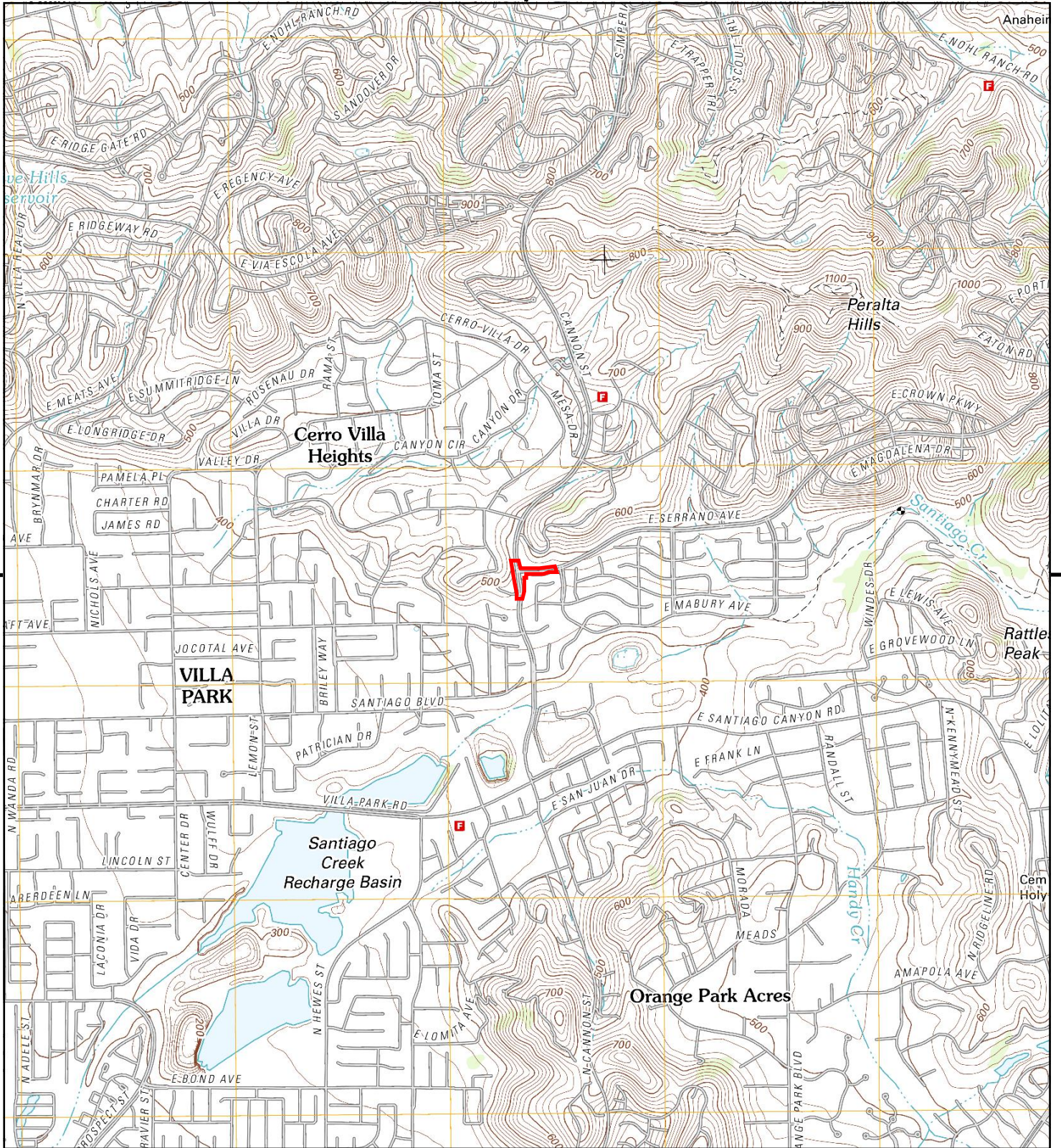
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1896 Source Sheets



Anaheim
1896
15-minute, 62500



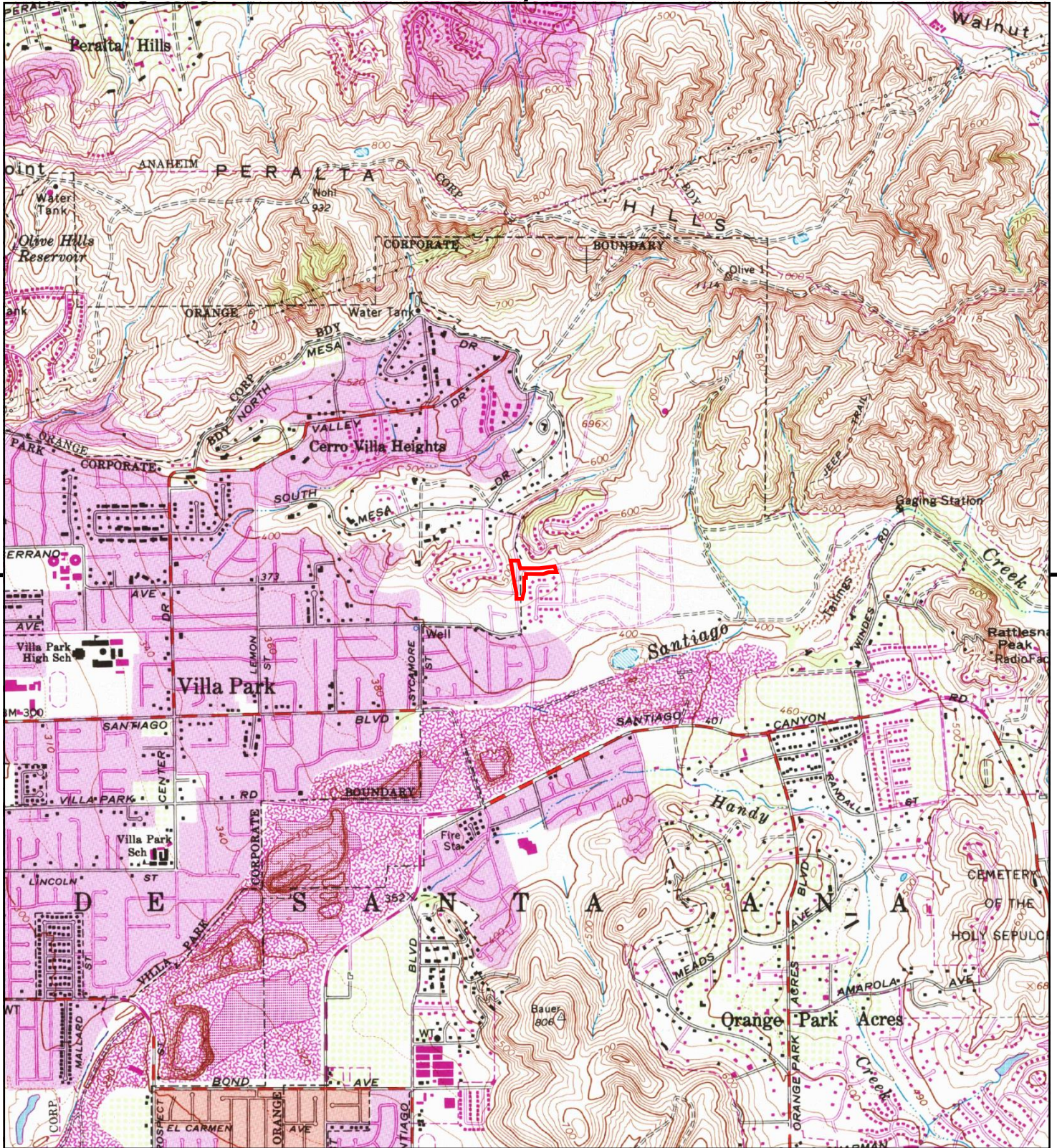
This report includes information from the following map sheet(s).



TP, Orange, 2012, 7.5-minute

SITE NAME: Cannon Street at Serrano Avenue Interse
ADDRESS: 1884 N Carlsbad St
 Orange, CA 92867
CLIENT: Michael Baker International





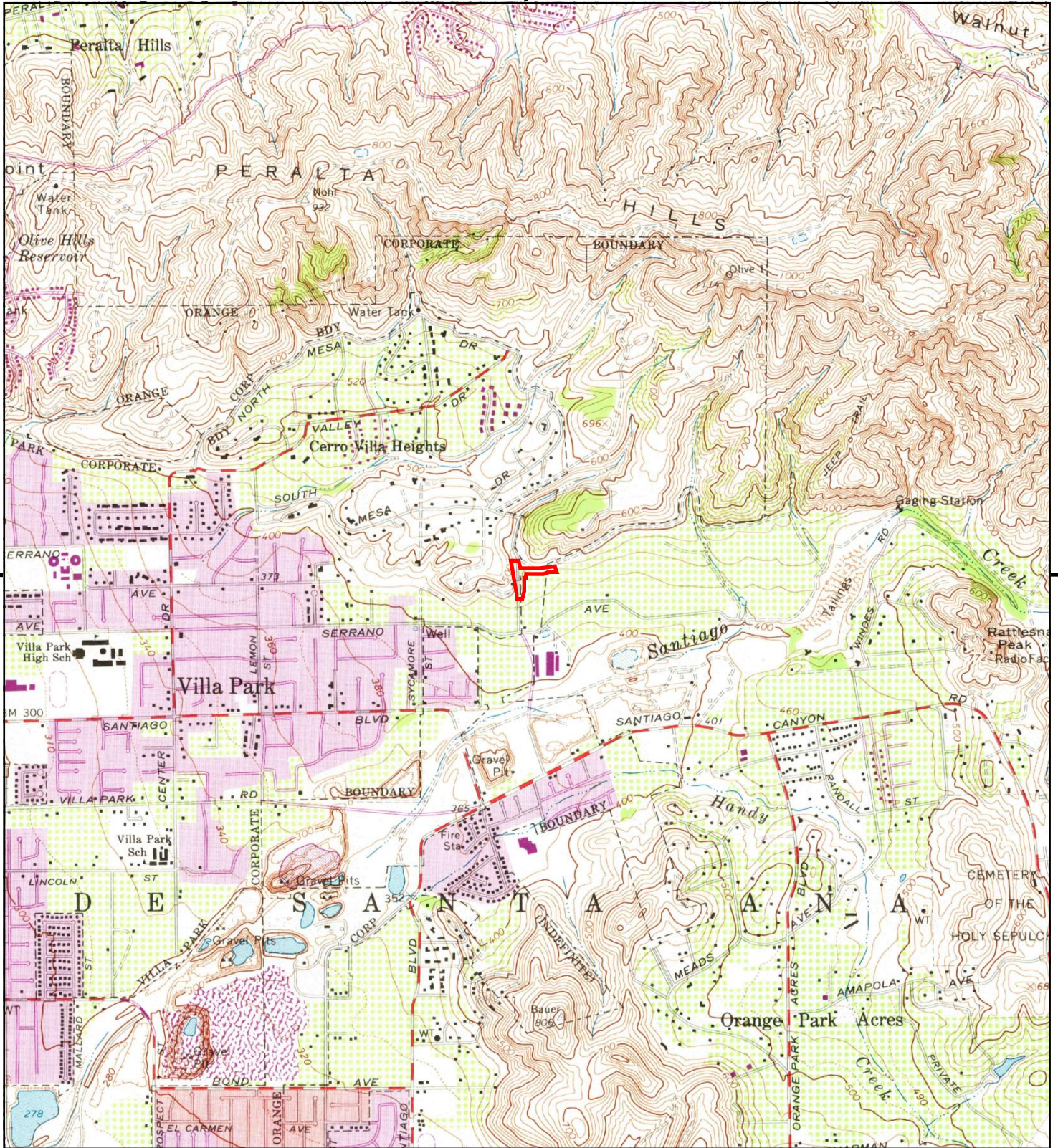
This report includes information from the following map sheet(s).



TP, Orange, 1981, 7.5-minute

SITE NAME: Cannon Street at Serrano Avenue Interse
 ADDRESS: 1884 N Carlsbad St
 Orange, CA 92867
 CLIENT: Michael Baker International





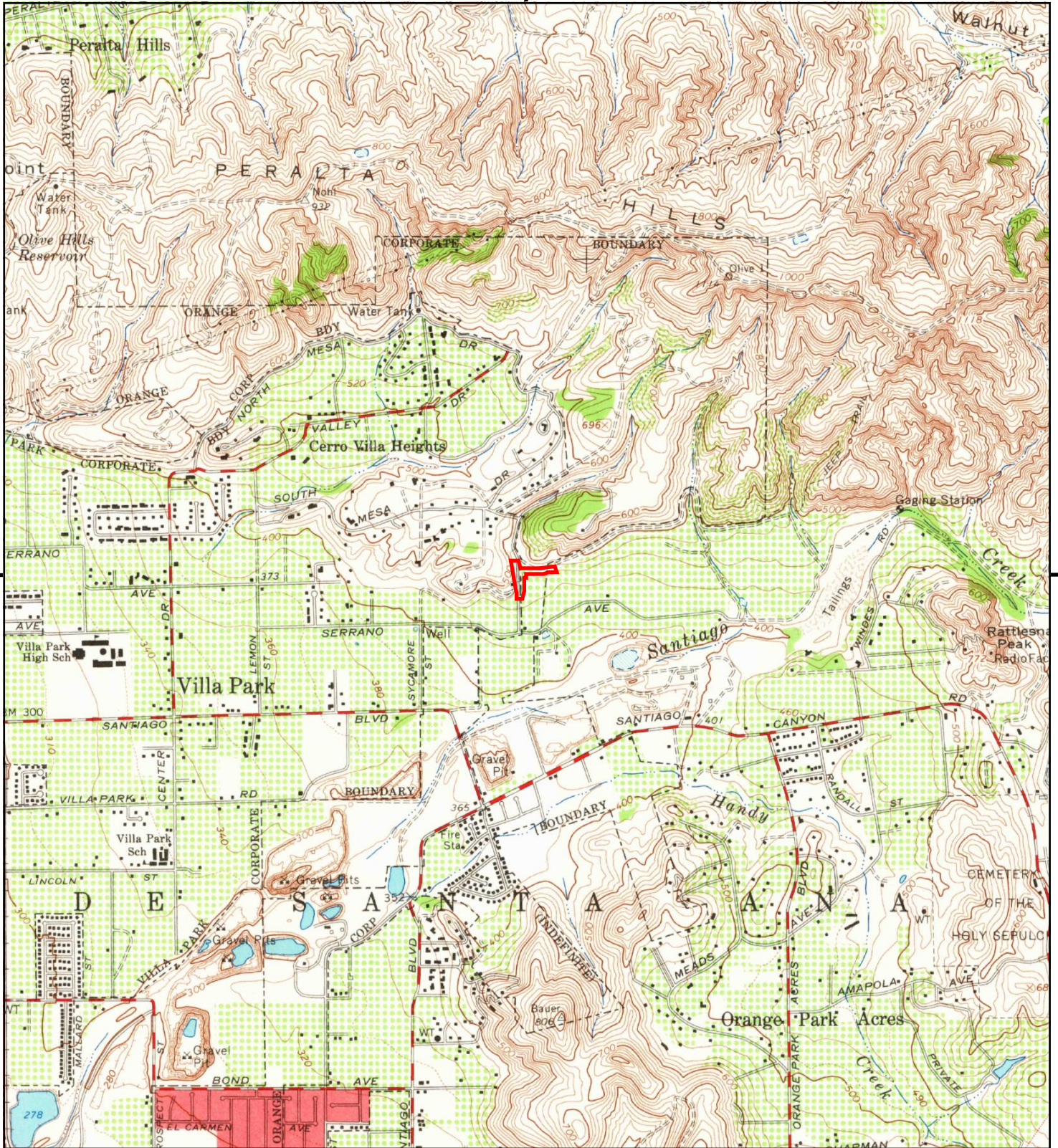
This report includes information from the following map sheet(s).



TP, Orange, 1972, 7.5-minute

SITE NAME: Cannon Street at Serrano Avenue Interse
ADDRESS: 1884 N Carlsbad St
 Orange, CA 92867
CLIENT: Michael Baker International





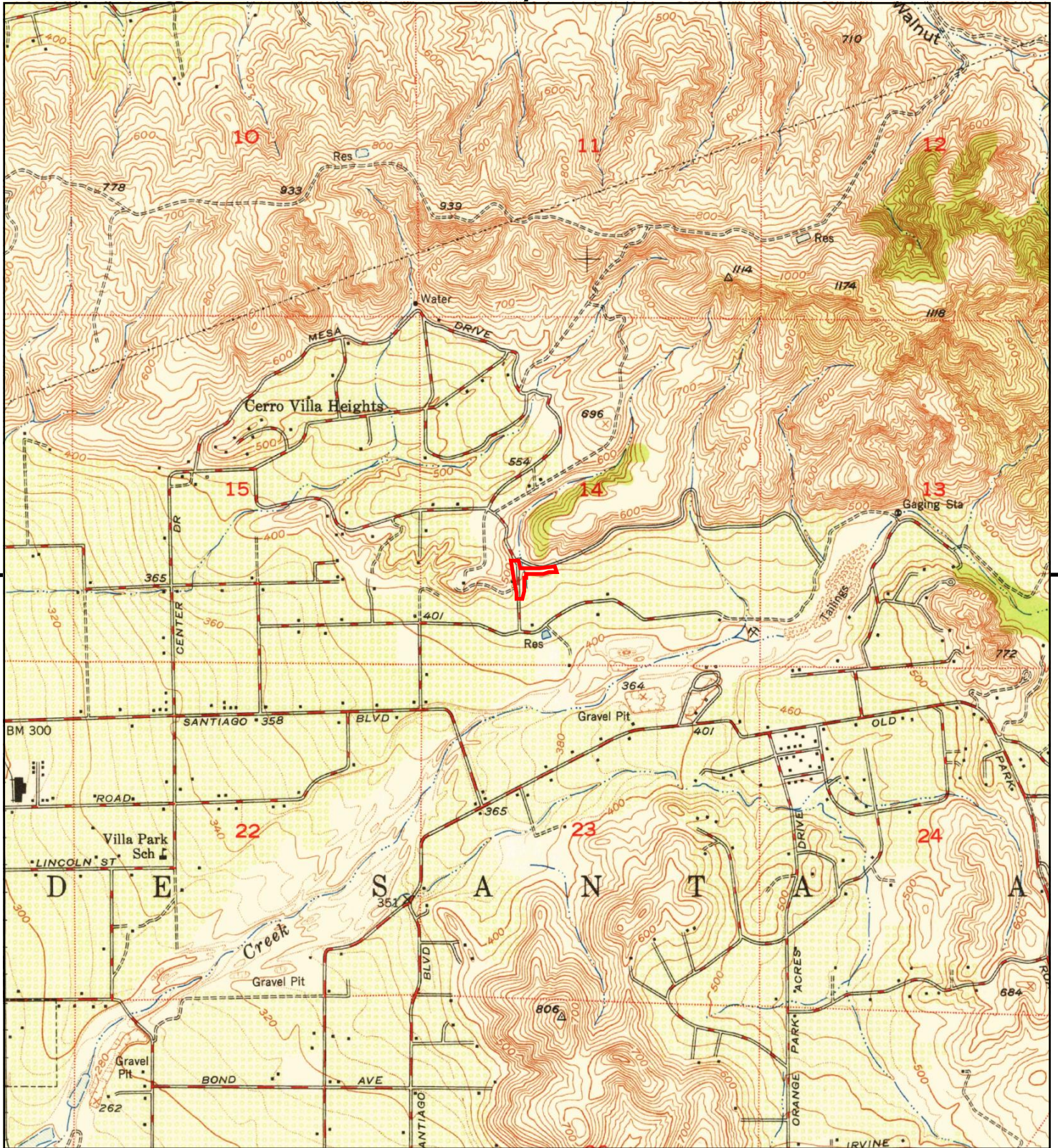
This report includes information from the following map sheet(s).



TP, Orange, 1964, 7.5-minute

SITE NAME: Cannon Street at Serrano Avenue Interse
ADDRESS: 1884 N Carlsbad St
 Orange, CA 92867
CLIENT: Michael Baker International





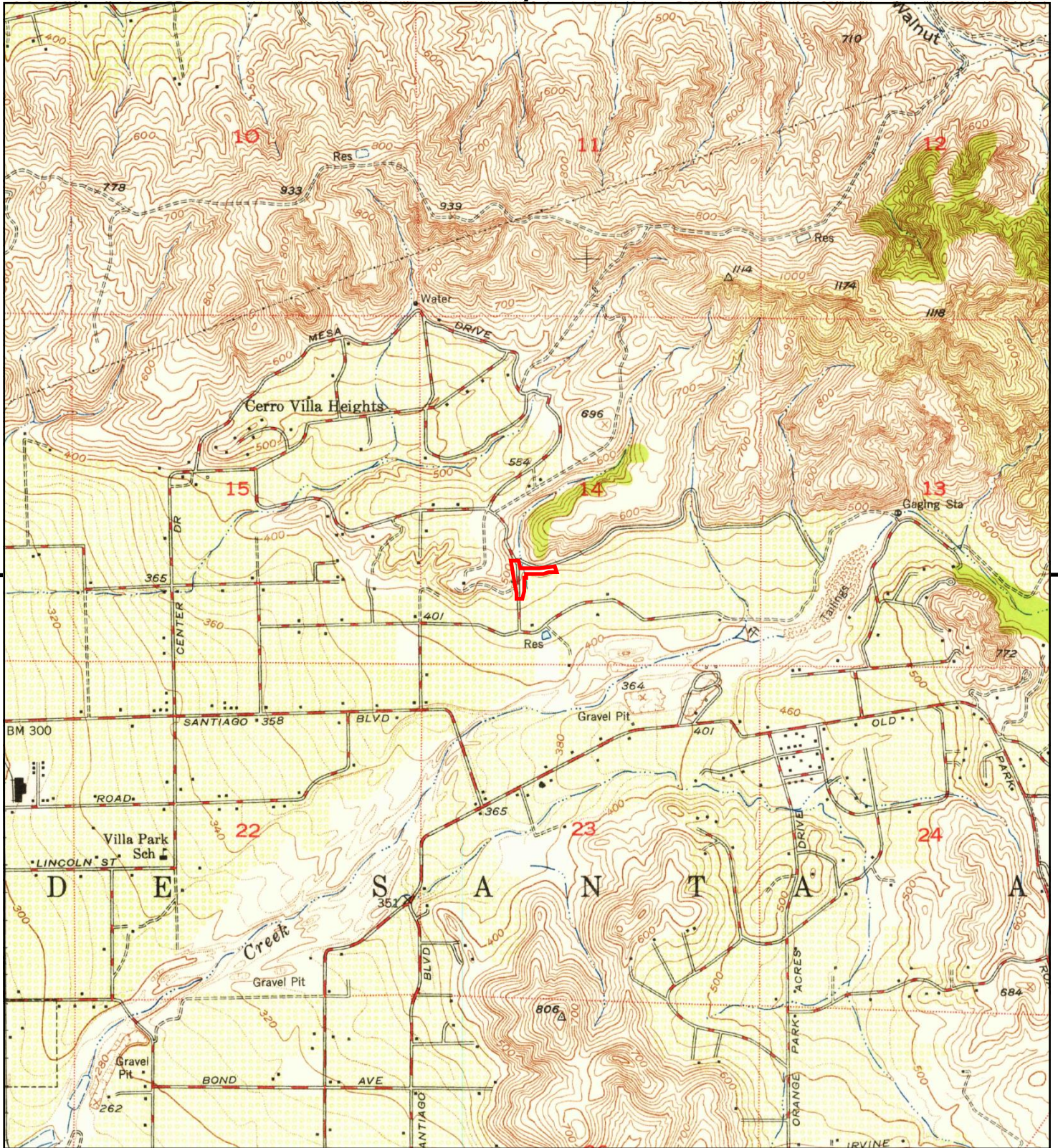
This report includes information from the following map sheet(s).



TP, Orange, 1950, 7.5-minute

SITE NAME: Cannon Street at Serrano Avenue Interse
ADDRESS: 1884 N Carlsbad St
 Orange, CA 92867
CLIENT: Michael Baker International





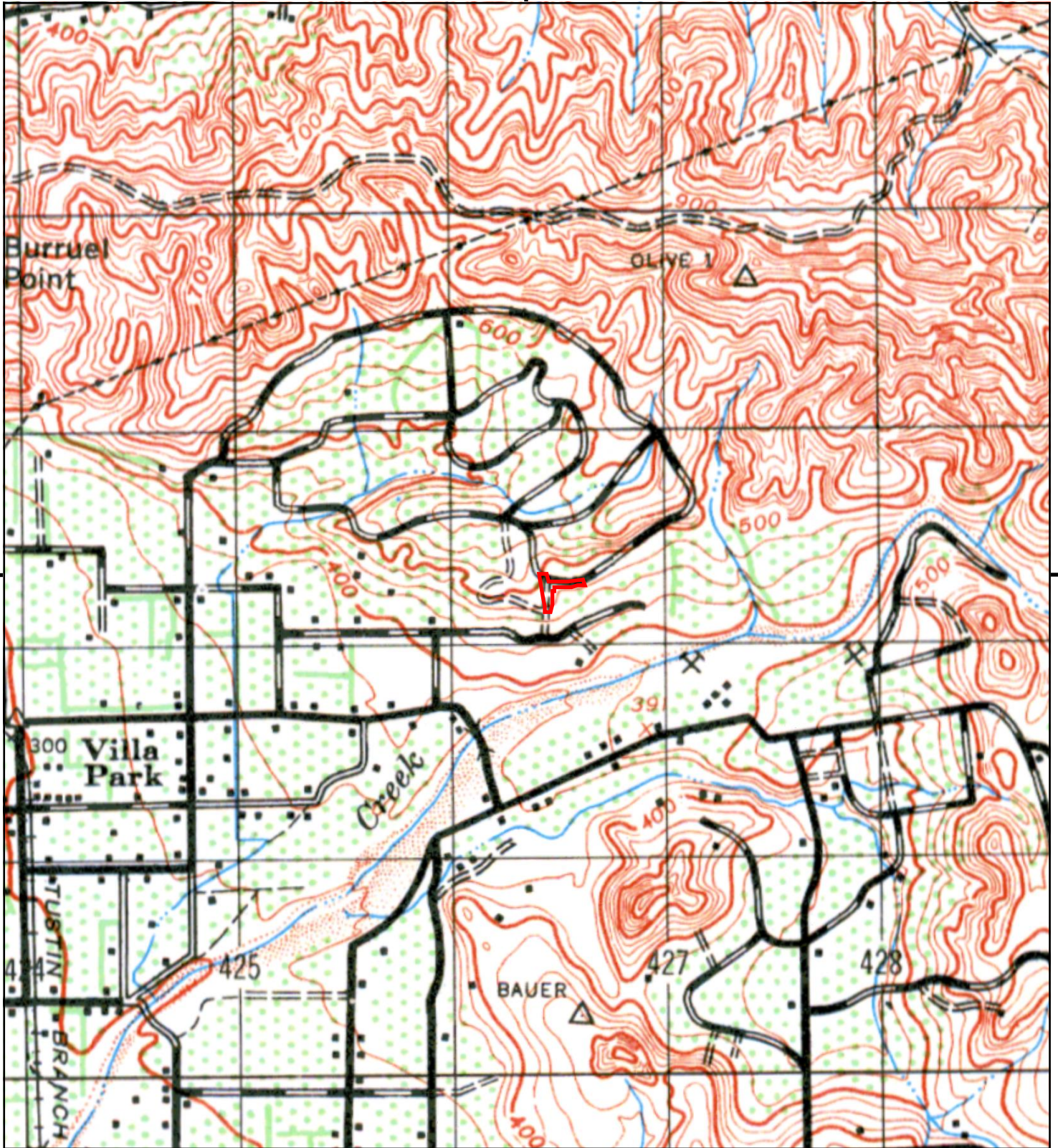
This report includes information from the following map sheet(s).



TP, Orange, 1949, 7.5-minute

SITE NAME: Cannon Street at Serrano Avenue Interse
ADDRESS: 1884 N Carlsbad St
 Orange, CA 92867
CLIENT: Michael Baker International





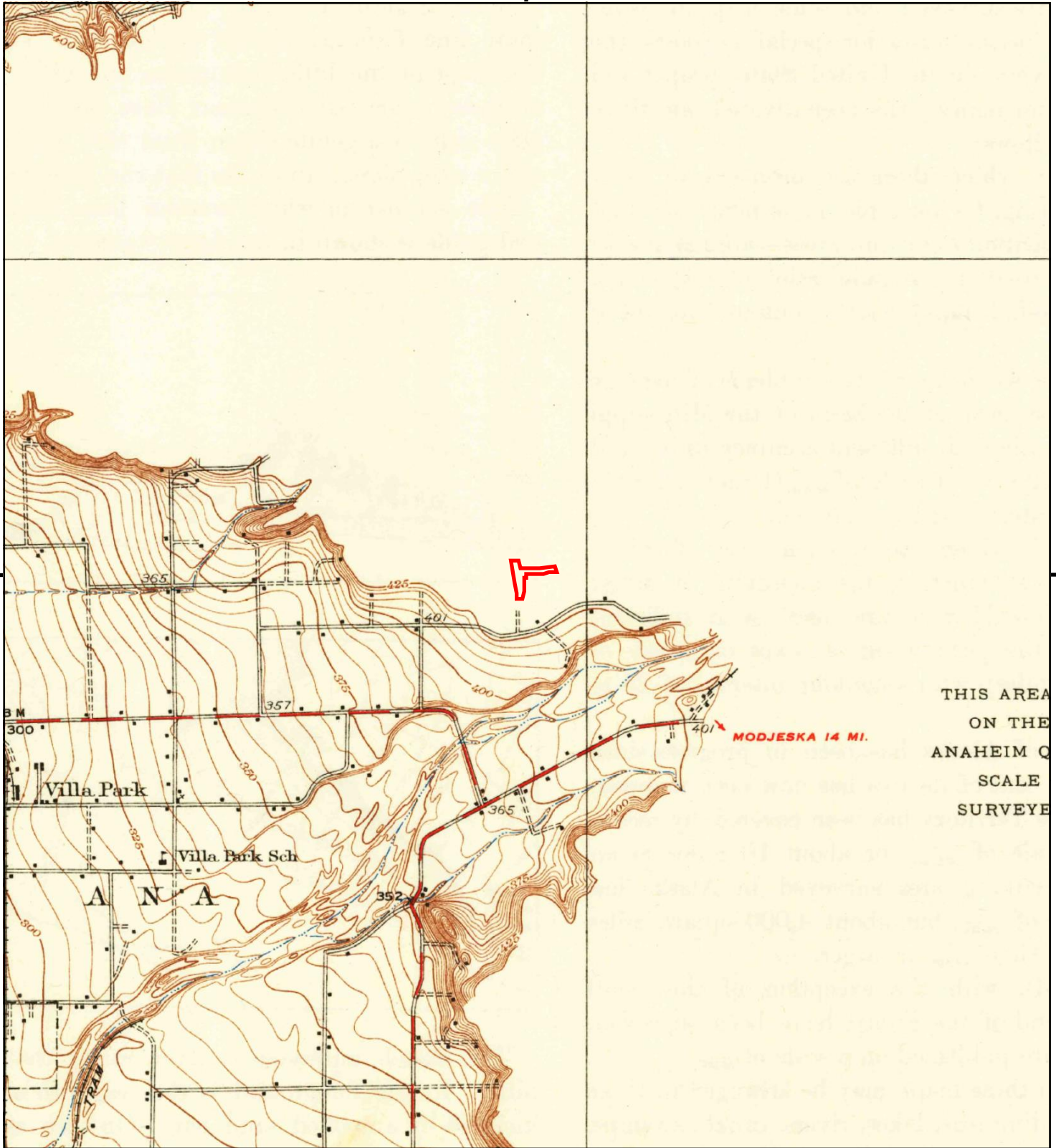
This report includes information from the following map sheet(s).



TP, ANAHEIM, 1942, 15-minute

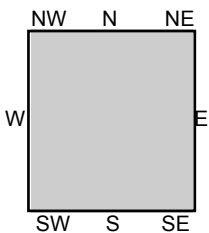
SITE NAME: Cannon Street at Serrano Avenue Interse
 ADDRESS: 1884 N Carlsbad St
 Orange, CA 92867
 CLIENT: Michael Baker International





THIS AREA
ON THE
ANAHEIM Q
SCALE
SURVEYE

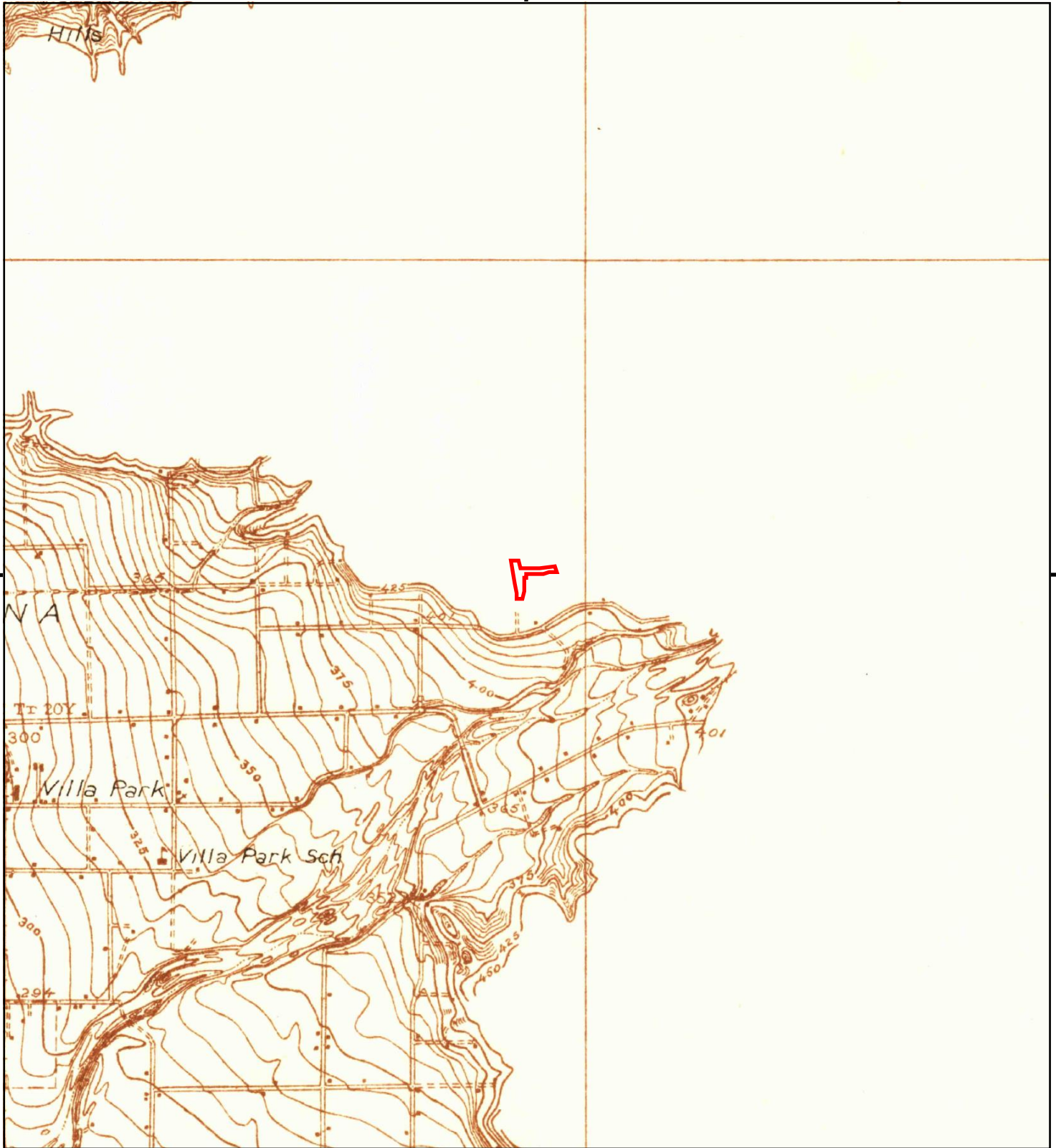
This report includes information from the following map sheet(s).



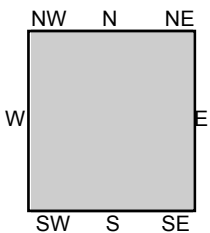
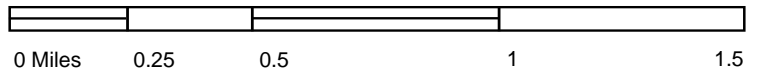
TP, Orange, 1935, 7.5-minute

SITE NAME: Cannon Street at Serrano Avenue Interse
ADDRESS: 1884 N Carlsbad St
Orange, CA 92867
CLIENT: Michael Baker International





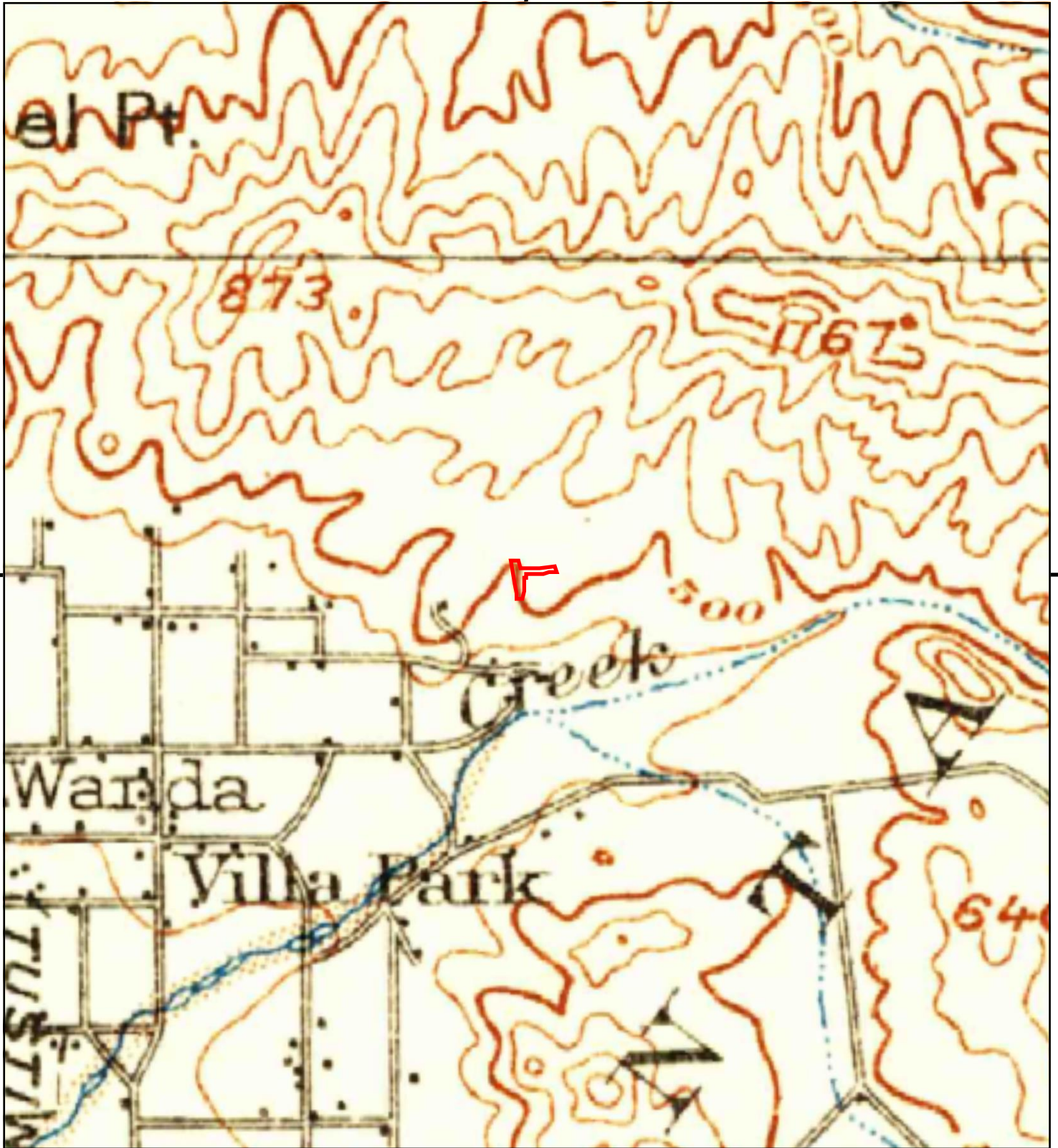
This report includes information from the following map sheet(s).



TP, Orange, 1932, 7.5-minute

SITE NAME: Cannon Street at Serrano Avenue Interse
 ADDRESS: 1884 N Carlsbad St
 Orange, CA 92867
 CLIENT: Michael Baker International





This report includes information from the following map sheet(s).



TP, Corona, 1902, 30-minute

SITE NAME: Cannon Street at Serrano Avenue Interse
 ADDRESS: 1884 N Carlsbad St
 Orange, CA 92867
 CLIENT: Michael Baker International





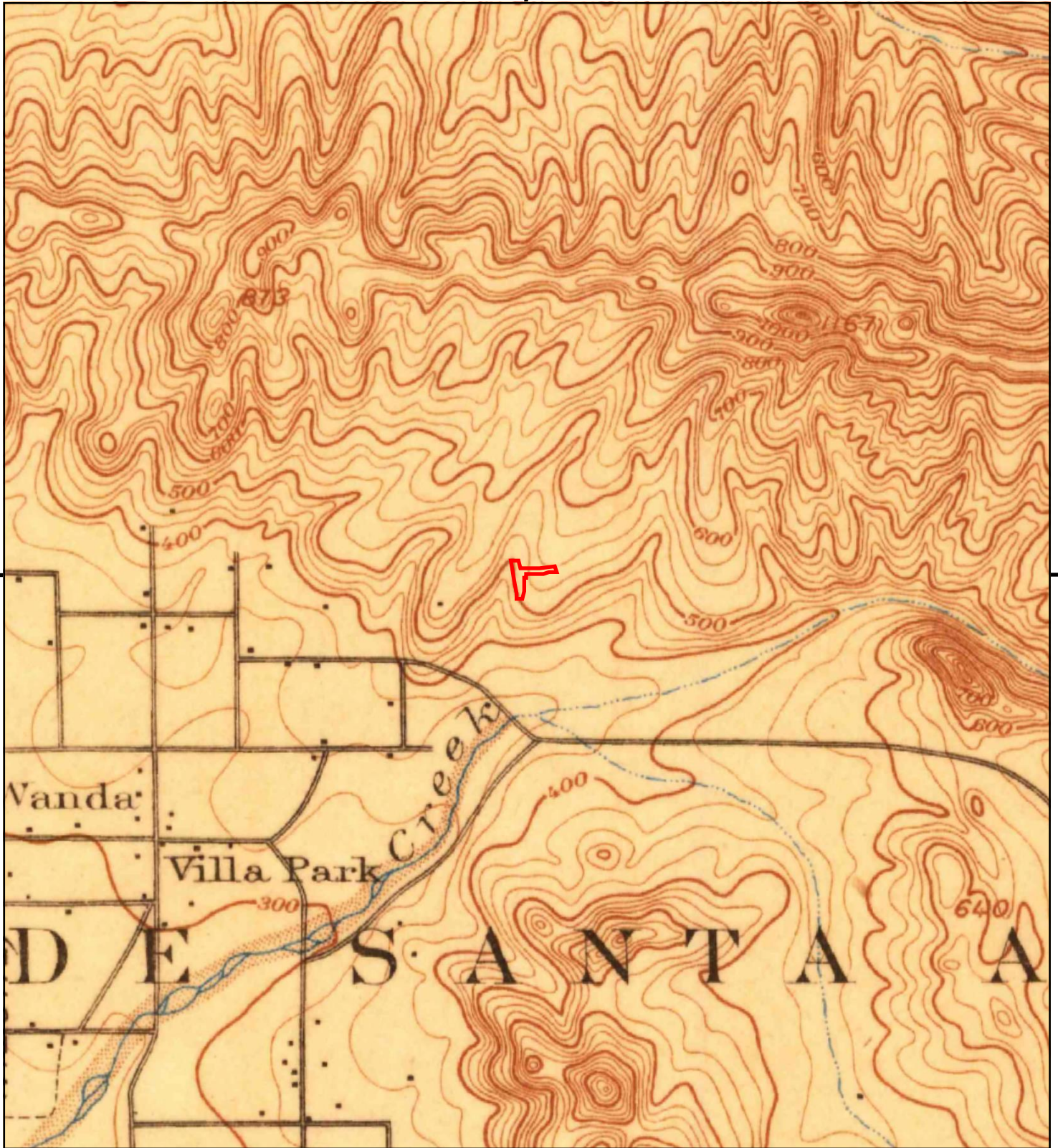
This report includes information from the following map sheet(s).



TP, Anaheim, 1901, 15-minute

SITE NAME: Cannon Street at Serrano Avenue Interse
 ADDRESS: 1884 N Carlsbad St
 Orange, CA 92867
 CLIENT: Michael Baker International





This report includes information from the following map sheet(s).



TP, Anaheim, 1898, 15-minute

SITE NAME: Cannon Street at Serrano Avenue Interse
 ADDRESS: 1884 N Carlsbad St
 Orange, CA 92867
 CLIENT: Michael Baker International





This report includes information from the following map sheet(s).



TP, Anaheim, 1896, 15-minute

SITE NAME: Cannon Street at Serrano Avenue Interse
ADDRESS: 1884 N Carlsbad St
 Orange, CA 92867
CLIENT: Michael Baker International



Cannon Street at Serrano Avenue Intersection

1884 N Carlsbad St
Orange, CA 92867

Inquiry Number: 5770332.5
August 29, 2019

The EDR-City Directory Abstract

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Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2014. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2014	EDR Digital Archive	-	X	X	-
2010	EDR Digital Archive	-	X	X	-
2005	EDR Digital Archive	-	X	X	-
2002	Haines Company	-	-	-	-
2001	Pacific Telephone	-	-	-	-
1997	Pacific Telephone	-	-	-	-
1995	Pacific Bell	-	X	X	-
1992	Pacific Bell	-	-	-	-
1991	Pacific Bell	-	X	X	-
1986	Pacific Bell	-	X	X	-
1980	Pacific Telephone	-	X	X	-
1975	Luskey Brothers & Co., Inc.	-	X	X	-

EXECUTIVE SUMMARY

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
1971	Luskey Brothers Co., Inc.	-	-	-	-
1970	Ross Publications	-	-	-	-
1966	Pacific Telephone	-	-	-	-
1965	Luskey Brothers	-	-	-	-
1961	Luskey Brothers & Co.,	-	-	-	-
1960	Unknown	-	-	-	-
1956	Luskey Brothers & Co., Inc.	-	-	-	-
1955	The Pacific Telephone and Telegraph Co.	-	-	-	-
1952	Luskeys Directory Service Co.	-	-	-	-
1950	West Directory Co.	-	-	-	-
1946	Southern California Telephone Co.	-	-	-	-
1945	McCutcheon & Bragonier	-	-	-	-
1941	Southern California Telephone Co.	-	-	-	-
1936	Western Directory Co.	-	-	-	-
1930	Western Directory Co.	-	-	-	-
1926	Pacific Telephone	-	-	-	-
1925	Western Directory Co.	-	-	-	-
1922	Kaasen Directory Co.	-	-	-	-
1921	Western Directory Co.	-	-	-	-
1920	Santa Ana Directory Co.	-	-	-	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

<u>Address</u>	<u>Type</u>	<u>Findings</u>
1878 N Carlsbad St	Client Entered	X

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

1884 N Carlsbad St
Orange, CA 92867

FINDINGS DETAIL

Target Property research detail.

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

Cannon St

9821 Cannon St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	RAYS AUTO	EDR Digital Archive
	RAYS AUTO	EDR Digital Archive
2005	RAYS AUTO	EDR Digital Archive
	RAYS AUTO	EDR Digital Archive

CARLSBAD ST

1806 CARLSBAD ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Ardls Steve J	Pacific Bell
	Ardis Steve J	Pacific Bell
1991	Ardis Steve J	Pacific Bell
1986	Deason Thomas C	Pacific Bell

1814 CARLSBAD ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	I Mbabry Ranch Homes	Pacific Telephone

1815 CARLSBAD ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Elliott John E DDS	Pacific Bell
1991	Eli Hott John J	Pacific Bell
	EBlott John E DS	Pacific Bell

1828 CARLSBAD ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	Group Twenty Four	Pacific Bell

1840 CARLSBAD ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Tuthill Gary Dr	Pacific Bell
1991	Tuthill Gary Dr	Pacific Bell

FINDINGS

1866 CARLSBAD ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Nelson C	Pacific Bell

1878 CARLSBAD ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Maran Alfredo & Janice	Pacific Bell
	Maran Alfredo& Janice	Pacific Bell
1991	Maran Alfredo & Janice	Pacific Bell
1986	Maran Alfredo & Janice	Pacific Bell
1980	Maran Alfredo & Janice	Pacific Telephone

1884 CARLSBAD ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Yaegenian Seven	Pacific Bell
1991	Yegenian Sevan	Pacific Bell
	Yegge Roger E	Pacific Bell
	Yegge Patti @Garden Grove@	Pacific Bell

1887 CARLSBAD ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Gattis HV	Pacific Telephone

1888 CARLSBAD ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Gallagher John & Marjorie	Pacific Bell
1991	Gallagher John & Marjorie	Pacific Bell
1980	Gallagher John &Mar Jorie	Pacific Telephone

1889 CARLSBAD ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Latteri Sal B	Pacific Bell
1980	Latteri Sal B	Pacific Telephone

1890 CARLSBAD ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	Cairns B @Huntington Beach@	Pacific Bell
	Cairney Construction Inc	Pacific Bell
	Cairney P P	Pacific Bell

FINDINGS

1892 CARLSBAD ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Jenkns Jos E	Pacific Bell

CARPENTER CIR

19242 CARPENTER CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Larson Raymond J	Pacific Bell
1991	Larson Raymond J	Pacific Bell
1986	Larson Raymond J	Pacific Bell
1980	Larson Raymond J	Pacific Telephone

Carpenter Cir

19251 Carpenter Cir

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	CHEERFUL HEART HOME CARE INC	EDR Digital Archive
	L & J SANDRU ENTERPRISES INC	EDR Digital Archive
	CHEERFUL HEART HOME CARE INC	EDR Digital Archive
	L & J SANDRU ENTERPRISES INC	EDR Digital Archive
2010	CHEERFUL HEART HOME CARE INC	EDR Digital Archive
	MAJICK ONE	EDR Digital Archive
	CHEERFUL HEART HOME CARE INC	EDR Digital Archive
	MAJICK ONE	EDR Digital Archive

CARPENTER CIR

19251 CARPENTER CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	Hofmann David K	Pacific Bell
	Hofmann De Ette @Huntington Beach@	Pacific Bell

19262 CARPENTER CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Capalbo Louis F	Pacific Bell
	Capalbo Tom	Pacific Bell
1991	Capalbo Louis F	Pacific Bell

FINDINGS

Crestview Cir

9681 Crestview Cir

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	ALL NETWORKS	EDR Digital Archive
	ALL NETWORKS	EDR Digital Archive

9682 Crestview Cir

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	YOUNG NEAL F II	EDR Digital Archive
	YOUNG NEAL F II	EDR Digital Archive
2005	YOUNG NEAL F II	EDR Digital Archive
	YOUNG NEAL F II	EDR Digital Archive

9702 Crestview Cir

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	RICHLAND MANAGEMENT INC	EDR Digital Archive
	RICHLAND MANAGEMENT INC	EDR Digital Archive
2010	RICHLAND MANAGEMENT INC	EDR Digital Archive
	CYPRESS CULTURE ASSOCIATION	EDR Digital Archive
	CYPRESS CULTURE ASSOCIATION	EDR Digital Archive
	RICHLAND MANAGEMENT INC	EDR Digital Archive

9741 Crestview Cir

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	JOHNSON LOVE & ASSOCIATES LLC	EDR Digital Archive
	JOHNSON LOVE & ASSOCIATES LLC	EDR Digital Archive
2010	BTS TAX SERVICES LLC	EDR Digital Archive
	JOHNSON LOVE & ASSOCIATES LLC	EDR Digital Archive
	BTS TAX SERVICES LLC	EDR Digital Archive
	JOHNSON LOVE & ASSOCIATES LLC	EDR Digital Archive

E Crater Lake Ave

5514 E Crater Lake Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	MSB CAPITAL LLC	EDR Digital Archive
	MSB CAPITAL LLC	EDR Digital Archive
2010	DEBORAH A SALAS	EDR Digital Archive
	MSB CAPITAL LLC	EDR Digital Archive
	MSB CAPITAL LLC	EDR Digital Archive

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	DEBORAH A SALAS	EDR Digital Archive

5525 E Crater Lake Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	GRANDSTAND SPORTS VENTURES LLC	EDR Digital Archive
	GRANDSTAND SPORTS VENTURES LLC	EDR Digital Archive
2010	GRANDSTAND SPORTS VENTURES LLC	EDR Digital Archive
	GRANDSTAND SPORTS VENTURES LLC	EDR Digital Archive

E CREST DE VILLE AVE

5424 E CREST DE VILLE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Birtwell Robt	Pacific Bell
	Birtwell Deanna	Pacific Bell

E Crest de Ville Ave

5432 E Crest de Ville Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	NUTRITRADE INTERNATIONAL	EDR Digital Archive
	NUTRITRADE INTERNATIONAL	EDR Digital Archive

5440 E Crest de Ville Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	CURTIS MARKETING GROUP INC	EDR Digital Archive
	CURTIS MARKETING GROUP INC	EDR Digital Archive
2010	COIN CUISINE	EDR Digital Archive
	CURTIS MARKETING GROUP INC	EDR Digital Archive
	COIN CUISINE	EDR Digital Archive
	CURTIS MARKETING GROUP INC	EDR Digital Archive
2005	CURTIS MARKETING GROUP INC	EDR Digital Archive
	CURTIS MARKETING GROUP INC	EDR Digital Archive

FINDINGS

E CREST DE VILLE AVE

5440 E CREST DE VILLE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Burnham P Anthony	Pacific Bell

5502 E CREST DE VILLE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Dye Jas A	Pacific Bell
	Dye James	Pacific Bell
1986	Dye Jas A	Pacific Bell

5504 E CREST DE VILLE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Wallace Patrick M	Pacific Bell
1991	Wallace Patrick M	Pacific Bell

5505 E CREST DE VILLE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Davis William D	Pacific Bell
1991	Davis William D	Pacific Bell
1986	Davis William D	Pacific Bell

E Crest de Ville Ave

5506 E Crest de Ville Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	FRONTLINE TRADES ONLINE IP LLC	EDR Digital Archive
	FRONTLINE TRADES ONLINE IP LLC	EDR Digital Archive
2010	FRONTLINE TRADES ONLINE IP LLC	EDR Digital Archive
	FRONTLINE TRADES ONLINE IP LLC	EDR Digital Archive

E CREST DE VILLE AVE

5508 E CREST DE VILLE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	WLBCorp The	Pacific Bell

5509 E CREST DE VILLE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Miller Glenn H	Pacific Bell
1986	Miller Glenn H	Pacific Bell

FINDINGS

5511 E CREST DE VILLE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	Floodman Ray F	Pacific Bell
1986	Floodman Ray F	Pacific Bell

E Crest de Ville Ave

5517 E Crest de Ville Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	M&M BIRCHWOOD LLC	EDR Digital Archive
	M&M BIRCHWOOD LLC	EDR Digital Archive
2005	CORSICANA CAPITAL CORP KE	EDR Digital Archive
	TOURBRAND	EDR Digital Archive
	CORSICANA CAPITAL CORP KE	EDR Digital Archive
	TOURBRAND	EDR Digital Archive

E CREST DE VILLE AVE

5517 E CREST DE VILLE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Baskin Kenneth	Pacific Bell
	Baskin Evelyn J	Pacific Bell

5521 E CREST DE VILLE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Stenglein Thos A	Pacific Bell
1991	Stenglein Thos A	Pacific Bell
1986	Stenglen Thos A	Pacific Bell

5532 E CREST DE VILLE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Cook Donald W	Pacific Bell

E Crest de Ville Ave

5537 E Crest de Ville Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	BEVERAGE VENTURES INC	EDR Digital Archive
	BEVERAGE VENTURES INC	EDR Digital Archive
2010	BEVERAGE VENTURES INC	EDR Digital Archive
	BEVERAGE VENTURES INC	EDR Digital Archive

FINDINGS

MOUNT MCKINLEY

1814 MOUNT MCKINLEY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	Locke Daniel & Robin	Pacific Bell

N Carlsbad St

1866 N Carlsbad St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	B-2 SALES INC	EDR Digital Archive
	Z POWER AND DISTRIBUTION INC	EDR Digital Archive
2010	Z POWER & DISTRIBUTION	EDR Digital Archive
	BENCH TESTING SERVICES INC	EDR Digital Archive
2005	RIVERA MILTON T	EDR Digital Archive

1878 N Carlsbad St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	SUNRISE CAPITAL CORPORATION	EDR Digital Archive
2010	MORTGAGE GROUP FINANCIAL SVCS	EDR Digital Archive
	STONECREEK REAL ESTATE INC	EDR Digital Archive
	SUNRISE CAPITAL CORPORATION	EDR Digital Archive
2005	MORTGAGE GROUP FINANCIAL SVCS	EDR Digital Archive
1995	Maran Alfredo& Janice	Pacific Bell
	Maran Alfredo & Janice	Pacific Bell
1991	Maran Alfredo & Janice	Pacific Bell
1986	Maran Alfredo & Janice	Pacific Bell
1980	Maran Alfredo & Janice	Pacific Telephone

1887 N Carlsbad St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	TOTAL BUSINESS SERVICES	EDR Digital Archive
	TOTAL BUSINESS SERVICES	EDR Digital Archive

1890 N Carlsbad St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	CAIRNEY CONSTRUCTION CORP	EDR Digital Archive
	CAIRNEY CONSTRUCTION CORP	EDR Digital Archive
2010	CAIRNEY CONSTRUCTION CORP	EDR Digital Archive
	CAIRNEY CONSTRUCTION CORP	EDR Digital Archive
2005	CAIRNEY CONSTRUCTION CORP	EDR Digital Archive

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	CAIRNEY CONSTRUCTION CORP	EDR Digital Archive

1891 N Carlsbad St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	PRO STOP AUTO CARE CENTER INC	EDR Digital Archive
	BERKSHIRE COLTON LTD LP	EDR Digital Archive
	PRO STOP AUTO CARE CENTER INC	EDR Digital Archive
	BERKSHIRE COLTON LTD LP	EDR Digital Archive
2010	ARTMAR HOLDINGS LP	EDR Digital Archive
	BERKSHIRE COLTON LTD LP	EDR Digital Archive
	ARTMAR HOLDINGS LP	EDR Digital Archive
	BERKSHIRE COLTON LTD LP	EDR Digital Archive
2005	ARTMAR HOLDINGS LP	EDR Digital Archive
	BERKSHIRE COLTON LTD LP	EDR Digital Archive
	ARTMAR HOLDINGS LP	EDR Digital Archive
	BERKSHIRE COLTON LTD LP	EDR Digital Archive

SERRANO AVE

5610 SERRANO AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Aguilera Jill	Pacific Bell
1991	Aguilera Jill	Pacific Bell
1986	Aguilera Jill	Pacific Bell
1980	Aguilera Jill	Pacific Telephone
1975	J & R Training Stable	Luskey Brothers & Co., Inc.
	Roadrunner Ranch appaloosa horses	Luskey Brothers & Co., Inc.
	Was Jan	Luskey Brothers & Co., Inc.

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

<u>Address Researched</u>	<u>Address Not Identified in Research Source</u>
1806 CARLSBAD ST	2014, 2010, 2005, 2002, 2001, 1997, 1992, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1814 CARLSBAD ST	2014, 2010, 2005, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1814 MOUNT MCKINLEY	2014, 2010, 2005, 2002, 2001, 1997, 1995, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1815 CARLSBAD ST	2014, 2010, 2005, 2002, 2001, 1997, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1828 CARLSBAD ST	2014, 2010, 2005, 2002, 2001, 1997, 1995, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1840 CARLSBAD ST	2014, 2010, 2005, 2002, 2001, 1997, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1866 CARLSBAD ST	2014, 2010, 2005, 2002, 2001, 1997, 1995, 1992, 1991, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1866 N Carlsbad St	2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1878 CARLSBAD ST	2014, 2010, 2005, 2002, 2001, 1997, 1992, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1878 N Carlsbad St	2014, 2010, 2005, 2002, 2001, 1997, 1992, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1878 N Carlsbad St	2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1884 CARLSBAD ST	2014, 2010, 2005, 2002, 2001, 1997, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1887 CARLSBAD ST	2014, 2010, 2005, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1887 N Carlsbad St	2014, 2010, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1887 N Carlsbad St	2014, 2010, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

FINDINGS

<u>Address Researched</u>	<u>Address Not Identified in Research Source</u>
1888 CARLSBAD ST	2014, 2010, 2005, 2002, 2001, 1997, 1992, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1889 CARLSBAD ST	2014, 2010, 2005, 2002, 2001, 1997, 1995, 1992, 1991, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1890 CARLSBAD ST	2014, 2010, 2005, 2002, 2001, 1997, 1995, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1890 N Carlsbad St	2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1890 N Carlsbad St	2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1891 N Carlsbad St	2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1891 N Carlsbad St	2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1892 CARLSBAD ST	2014, 2010, 2005, 2002, 2001, 1997, 1995, 1992, 1991, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
19242 CARPENTER CIR	2014, 2010, 2005, 2002, 2001, 1997, 1992, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
19251 CARPENTER CIR	2014, 2010, 2005, 2002, 2001, 1997, 1995, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
19251 Carpenter Cir	2005, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
19251 Carpenter Cir	2005, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
19262 CARPENTER CIR	2014, 2010, 2005, 2002, 2001, 1997, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5424 E CREST DE VILLE AVE	2014, 2010, 2005, 2002, 2001, 1997, 1995, 1992, 1991, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5432 E Crest de Ville Ave	2010, 2005, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5432 E Crest de Ville Ave	2010, 2005, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5440 E Crest de Ville Ave	2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

FINDINGS

Address Researched

Address Not Identified in Research Source

5525 E Crater Lake Ave	2005, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5532 E CREST DE VILLE AVE	2014, 2010, 2005, 2002, 2001, 1997, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5537 E Crest de Ville Ave	2005, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5537 E Crest de Ville Ave	2005, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5610 SERRANO AVE	2014, 2010, 2005, 2002, 2001, 1997, 1992, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
9681 Crestview Cir	2014, 2005, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
9681 Crestview Cir	2014, 2005, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
9682 Crestview Cir	2014, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
9682 Crestview Cir	2014, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
9702 Crestview Cir	2005, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
9702 Crestview Cir	2005, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
9741 Crestview Cir	2005, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
9741 Crestview Cir	2005, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
9821 Cannon St	2014, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
9821 Cannon St	2014, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched

1884 N Carlsbad St

Address Not Identified in Research Source

2014, 2010, 2005, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920



Cannon Street at Serrano Avenue Intersection

1884 N Carlsbad St

Orange, CA 92867

Inquiry Number: 5770332.8

August 29, 2019

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08/29/19

Site Name:

Cannon Street at Serrano Aver
1884 N Carlsbad St
Orange, CA 92867
EDR Inquiry # 5770332.8

Client Name:

Michael Baker International
14725 Alton Parkway
Irvine, CA 92618
Contact: Danielle Regimbal



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Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1994	1"=500'	Acquisition Date: June 01, 1994	USGS/DOQQ
1989	1"=500'	Flight Date: August 03, 1989	USDA
1985	1"=500'	Flight Date: September 13, 1985	USDA
1977	1"=500'	Flight Date: January 18, 1977	EDR Proprietary Brewster Pacific
1972	1"=500'	Flight Date: October 30, 1972	USGS
1966	1"=500'	Flight Date: April 16, 1966	USGS
1963	1"=500'	Flight Date: February 28, 1963	USGS
1952	1"=500'	Flight Date: December 12, 1952	USDA
1946	1"=500'	Flight Date: December 29, 1946	USGS
1938	1"=500'	Flight Date: June 21, 1938	USDA

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INQUIRY #: 5770332.8

YEAR: 2016

— = 500'





INQUIRY #: 5770332.8

YEAR: 2012

— = 500'





INQUIRY #: 5770332.8

YEAR: 2009

— = 500'





INQUIRY #: 5770332.8

YEAR: 2005

— = 500'





INQUIRY #: 5770332.8

YEAR: 1994

— = 500'





INQUIRY #: 5770332.8

YEAR: 1989

— = 500'



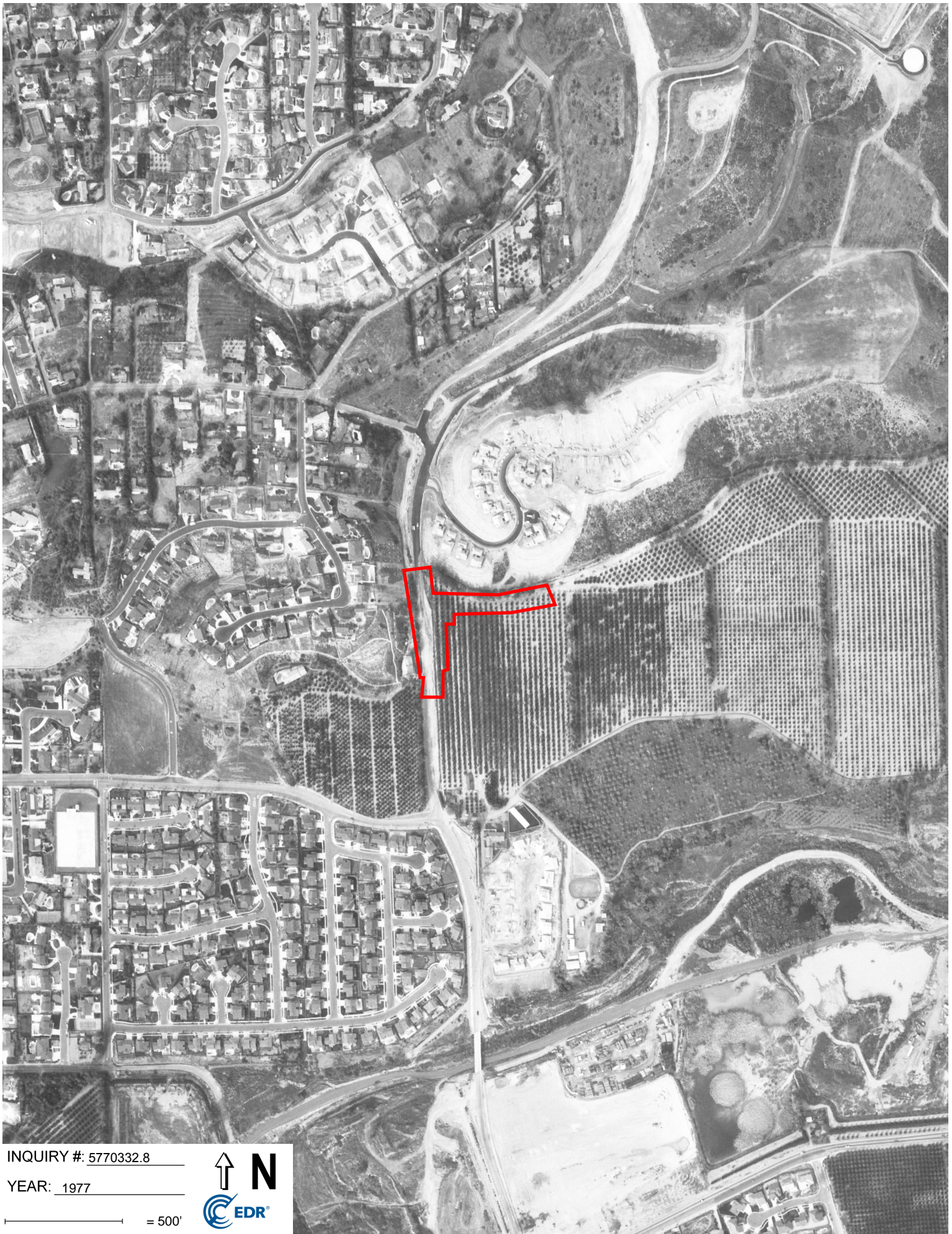


INQUIRY #: 5770332.8

YEAR: 1985

— = 500'



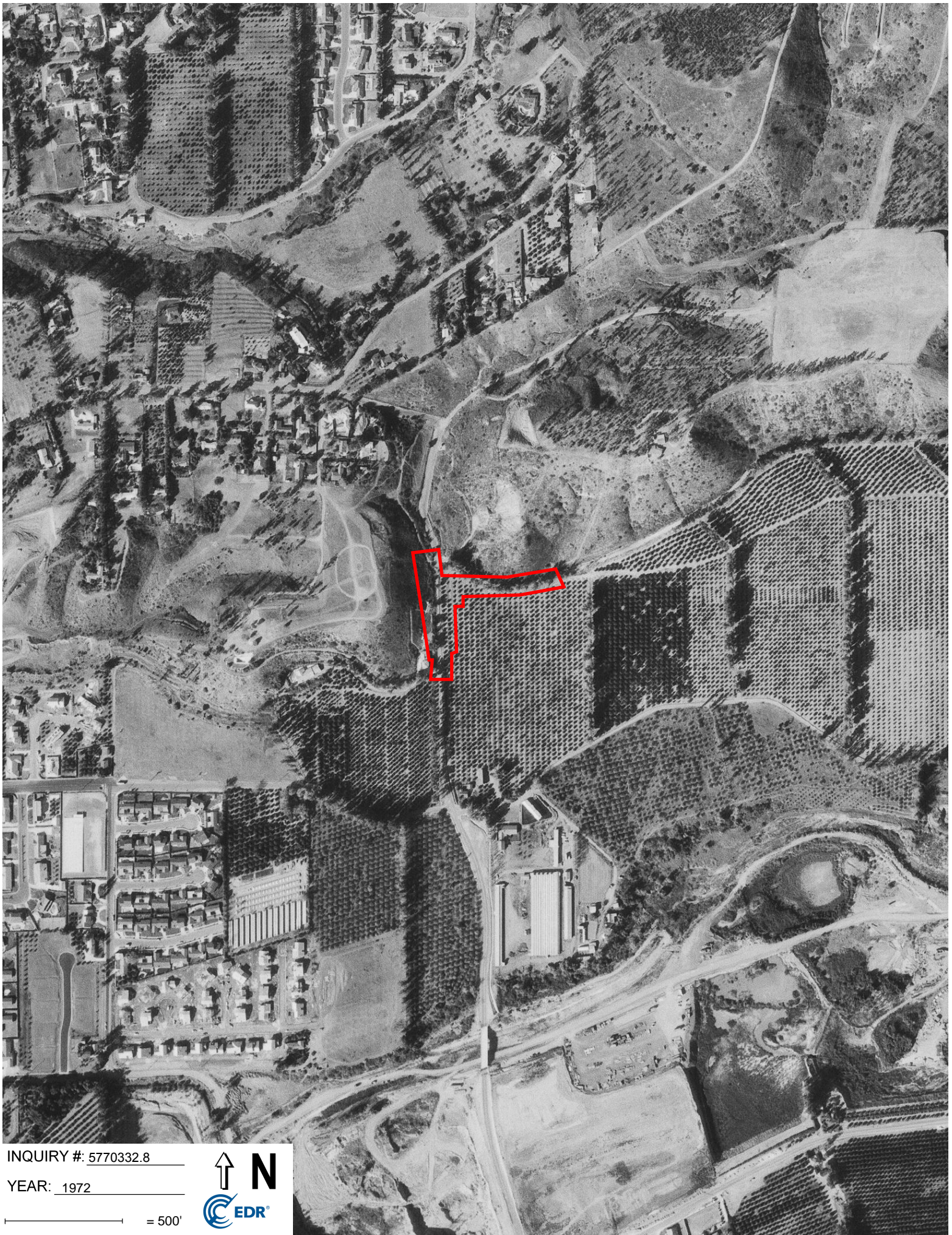


INQUIRY #: 5770332.8

YEAR: 1977

— = 500'



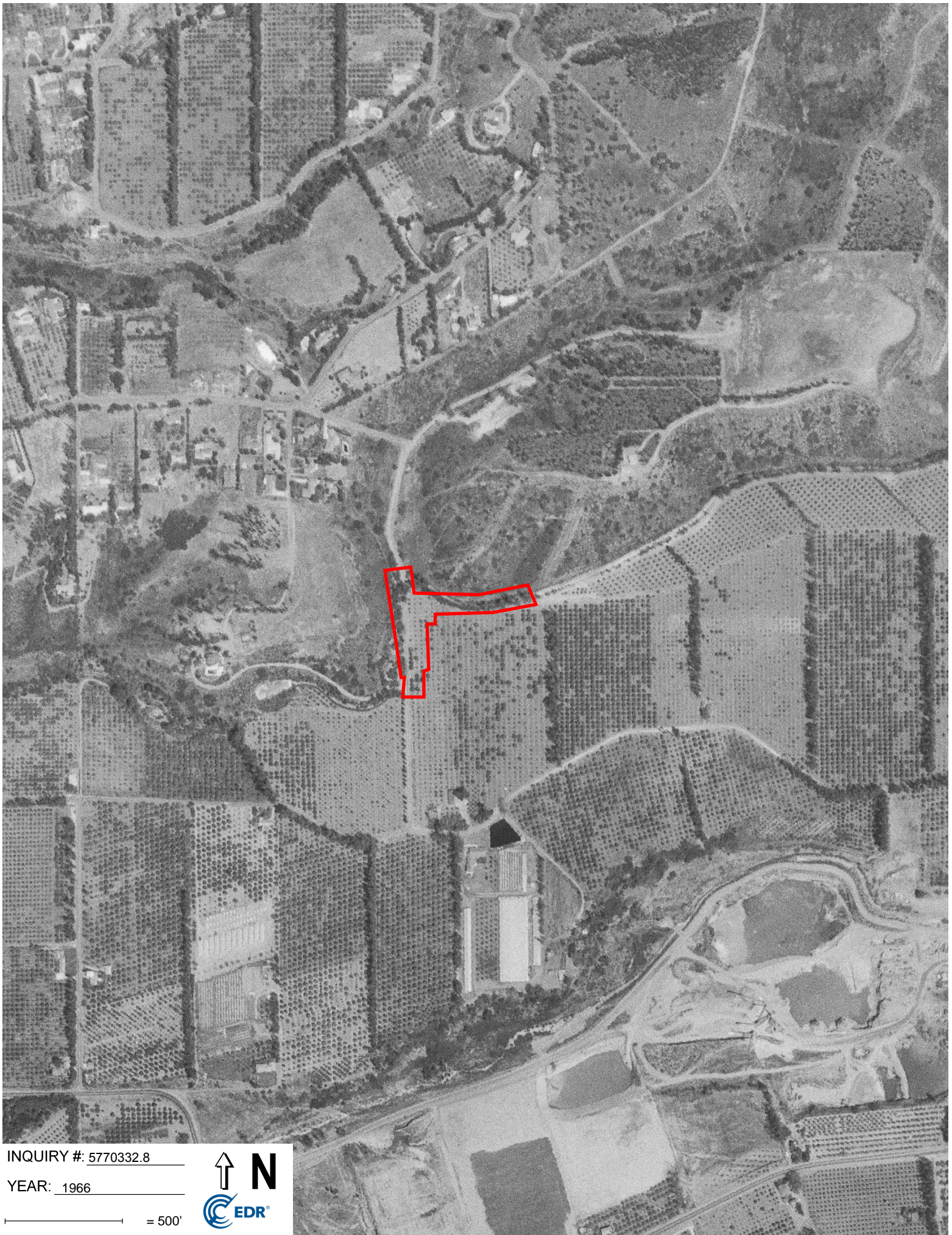


INQUIRY #: 5770332.8

YEAR: 1972

— = 500'



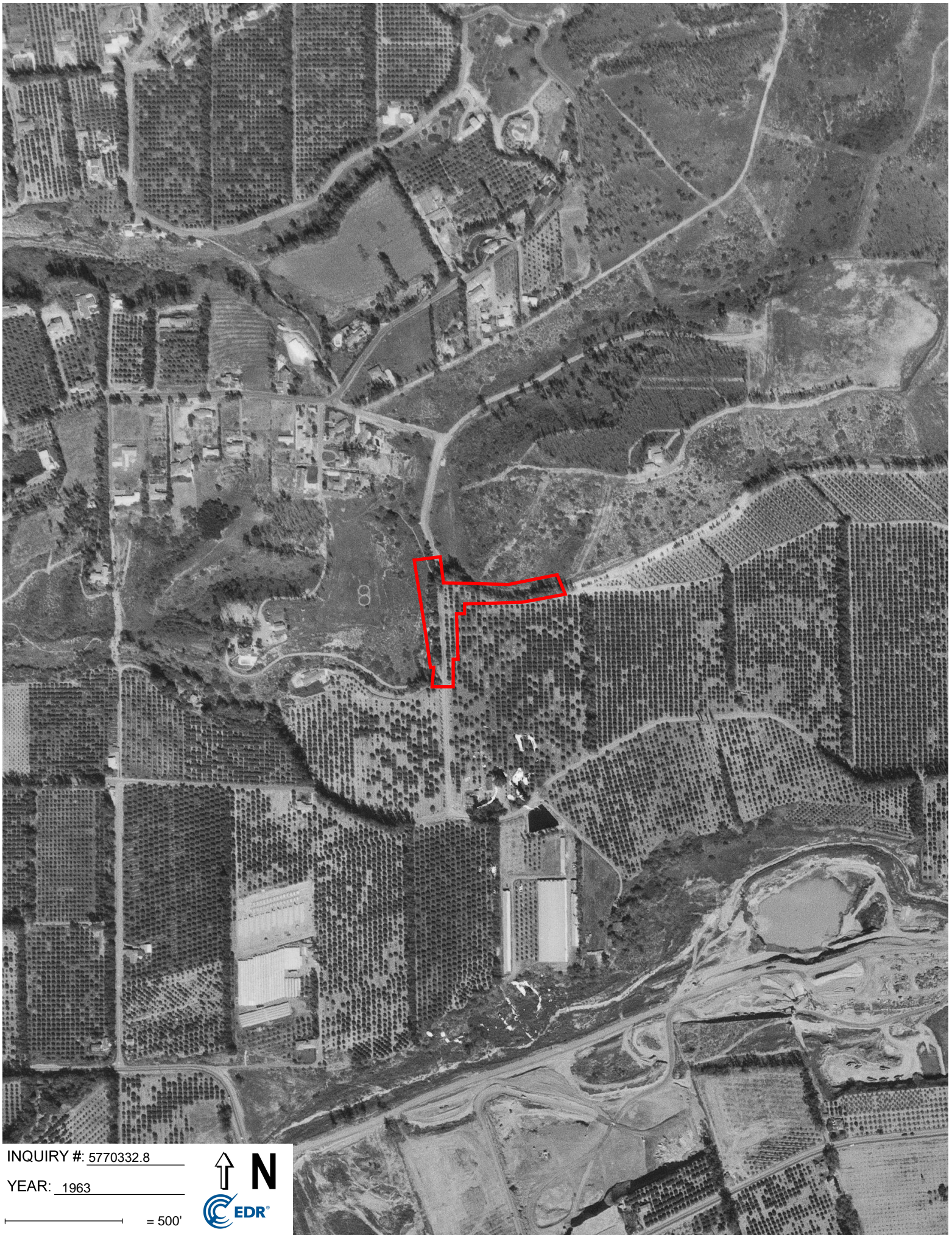


INQUIRY #: 5770332.8

YEAR: 1966

— = 500'





INQUIRY #: 5770332.8

YEAR: 1963

— = 500'





INQUIRY #: 5770332.8

YEAR: 1952

— = 500'





INQUIRY #: 5770332.8

YEAR: 1946

— = 500'





INQUIRY #: 5770332.8

YEAR: 1938

— = 500'



Cannon Street at Serrano Avenue Intersection

1884 N Carlsbad St

Orange, CA 92867

Inquiry Number: 5770332.3

August 28, 2019

Certified Sanborn® Map Report



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Certified Sanborn® Map Report

08/28/19

Site Name:

Cannon Street at Serrano Aver
1884 N Carlsbad St
Orange, CA 92867
EDR Inquiry # 5770332.3

Client Name:

Michael Baker International
14725 Alton Parkway
Irvine, CA 92618
Contact: Danielle Regimbal



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Certified Sanborn Results:

Certification # 3415-4153-88EB

PO # NA

Project Cannon Street at Serrano Ave.

UNMAPPED PROPERTY

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Sanborn® Library search results

Certification #: 3415-4153-88EB

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- Library of Congress
- University Publications of America
- EDR Private Collection

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Property Detail Report

For Property Located At :

1884 N CARLSBAD ST, ORANGE, CA 92867-3367



Owner Information

Owner Name: **YAKINIAN SEVAN/ZEPURE YAKINIAN**
 Mailing Address: **1884 N CARLSBAD ST, ORANGE CA 92867-3367 C087**
 Vesting Codes: **// JT**

Location Information

Legal Description: **N-TRACT: 9709 BLOCK: LOT: 4**
 County: **ORANGE, CA** APN: **370-151-12**
 Census Tract / Block: **219.12 / 2** Alternate APN:
 Township-Range-Sect: Subdivision:
 Legal Book/Page: Map Reference: **13-B5 /**
 Legal Lot: **4** Tract #: **9709**
 Legal Block: School District: **ORANGE**
 Market Area: **72** School District Name: **ORANGE**
 Neighbor Code: Munic/Township:

Owner Transfer Information

Recording/Sale Date: **09/19/2002 / 09/10/2002** Deed Type: **GRANT DEED**
 Sale Price: 1st Mtg Document #:
 Document #: **803971**

Last Market Sale Information

Recording/Sale Date: **09/02/1986 / 02/1986** 1st Mtg Amount/Type: **\$133,250 / PRIVATE PARTY**
 Sale Price: **\$320,000** 1st Mtg Int. Rate/Type: **/**
 Sale Type: **FULL** 1st Mtg Document #: **/**
 Document #: **397919** 2nd Mtg Amount/Type: **/**
 Deed Type: **GRANT DEED** 2nd Mtg Int. Rate/Type: **/**
 Transfer Document #: Price Per SqFt: **\$96.62**
 New Construction: Multi/Split Sale:
 Title Company: **ORANGE COAST TITLE CO**
 Lender:
 Seller Name: **SLEZINGER HERBERT EDWIN**

Prior Sale Information

Prior Rec/Sale Date: **/** Prior Lender:
 Prior Sale Price: Prior 1st Mtg Amt/Type: **/**
 Prior Doc Number: Prior 1st Mtg Rate/Type: **/**
 Prior Deed Type:

Property Characteristics

Gross Area: **3,942** Parking Type: **GARAGE/CARPORT** Construction:
 Living Area: **3,312** Garage Area: **630** Heat Type: **CENTRAL**
 Tot Adj Area: Garage Capacity: **3** Exterior wall: **STUCCO**
 Above Grade: Parking Spaces: Porch Type:
 Total Rooms: **9** Basement Area: Patio Type: **COVERED PATIO**
 Bedrooms: **5** Finish Bsmnt Area: Pool: **POOL**
 Bath(F/H): **3 / 1** Basement Type: Air Cond: **CENTRAL**
 Year Built / Eff: **1977 / 1977** Roof Type: Style: **CONVENTIONAL**
 Fireplace: **Y / 3** Foundation: **SLAB** Quality: **AVERAGE**
 # of Stories: **2** Roof Material: **TILE** Condition: **GOOD**
 Other Improvements: **LAUNDRY ROOM;COVERED PATIO;OPEN DECK Building Permit**

Site Information

Zoning: **R-1** Acres: **0.58** County Use: **SINGLE FAM RESIDENCE (1)**
 Lot Area: **25,200** Lot Width/Depth: **140 x 180** State Use:
 Land Use: **SFR** Res/Comm Units: **/** Water Type: **PUBLIC**
 Site Influence: Sewer Type: **PUBLIC SERVICE**

Tax Information

Total Value: **\$598,887** Assessed Year: **2018** Property Tax: **\$6,623.14**
 Land Value: **\$286,670** Improved %: **52%** Tax Area: **08034**
 Improvement Value: **\$312,217** Tax Year: **2018** Tax Exemption: **HOMEOWNER**
 Total Taxable Value: **\$591,887**

Property Detail Report

For Property Located At :

1878 N CARLSBAD ST, ORANGE, CA 92867-3367



Owner Information

Owner Name: **MARAN ALFREDO C**
 Mailing Address: **1878 N CARLSBAD ST, ORANGE CA 92867-3367 C087**
 Vesting Codes: **// TR**

Location Information

Legal Description: **N-TRACT: 9709 BLOCK: LOT: 3**
 County: **ORANGE, CA** APN: **370-151-13**
 Census Tract / Block: **219.12 / 2** Alternate APN:
 Township-Range-Sect: Subdivision:
 Legal Book/Page: Map Reference: **13-B5 /**
 Legal Lot: **3** Tract #: **9709**
 Legal Block: School District: **ORANGE**
 Market Area: **72** School District Name: **ORANGE**
 Neighbor Code: Munic/Township:

Owner Transfer Information

Recording/Sale Date: **03/02/2006 / 01/24/2006** Deed Type: **GRANT DEED**
 Sale Price: 1st Mtg Document #:
 Document #: **142339**

Last Market Sale Information

Recording/Sale Date: **09/04/1980 /** 1st Mtg Amount/Type: **\$108,800 / CONV**
 Sale Price: **\$236,500** 1st Mtg Int. Rate/Type: **/**
 Sale Type: **FULL** 1st Mtg Document #: **/**
 Document #: **13729-955** 2nd Mtg Amount/Type: **/**
 Deed Type: **DEED (REG)** 2nd Mtg Int. Rate/Type: **/**
 Transfer Document #: Price Per SqFt: **\$85.32**
 New Construction: Multi/Split Sale:
 Title Company:
 Lender:
 Seller Name:

Prior Sale Information

Prior Rec/Sale Date: **09/04/1980 /** Prior Lender:
 Prior Sale Price: **\$65,000** Prior 1st Mtg Amt/Type: **/**
 Prior Doc Number: **13729-953** Prior 1st Mtg Rate/Type: **/**
 Prior Deed Type: **DEED (REG)**

Property Characteristics

Gross Area: 3,383	Parking Type: GARAGE/CARPORT	Construction:
Living Area: 2,772	Garage Area: 611	Heat Type: HEATED
Tot Adj Area:	Garage Capacity: 3	Exterior wall:
Above Grade:	Parking Spaces:	Porch Type:
Total Rooms: 8	Basement Area:	Patio Type:
Bedrooms: 3	Finish Bsmnt Area:	Pool: POOL
Bath(F/H): 2 / 2	Basement Type:	Air Cond:
Year Built / Eff: 1977 / 1977	Roof Type:	Style:
Fireplace: /	Foundation:	Quality:
# of Stories: 2	Roof Material:	Condition:

Other Improvements: **Building Permit**

Site Information

Zoning: Acres: **0.41** County Use: **SINGLE FAM RESIDENCE (1)**
 Lot Area: **17,920** Lot Width/Depth: **112 x 160** State Use:
 Land Use: **SFR** Res/Comm Units: **/** Water Type:
 Site Influence: Sewer Type:

Tax Information

Total Value: \$513,602	Assessed Year: 2018	Property Tax: \$5,719.90
Land Value: \$235,181	Improved %: 54%	Tax Area: 08034
Improvement Value: \$278,421	Tax Year: 2018	Tax Exemption: HOMEOWNER
Total Taxable Value: \$506,602		

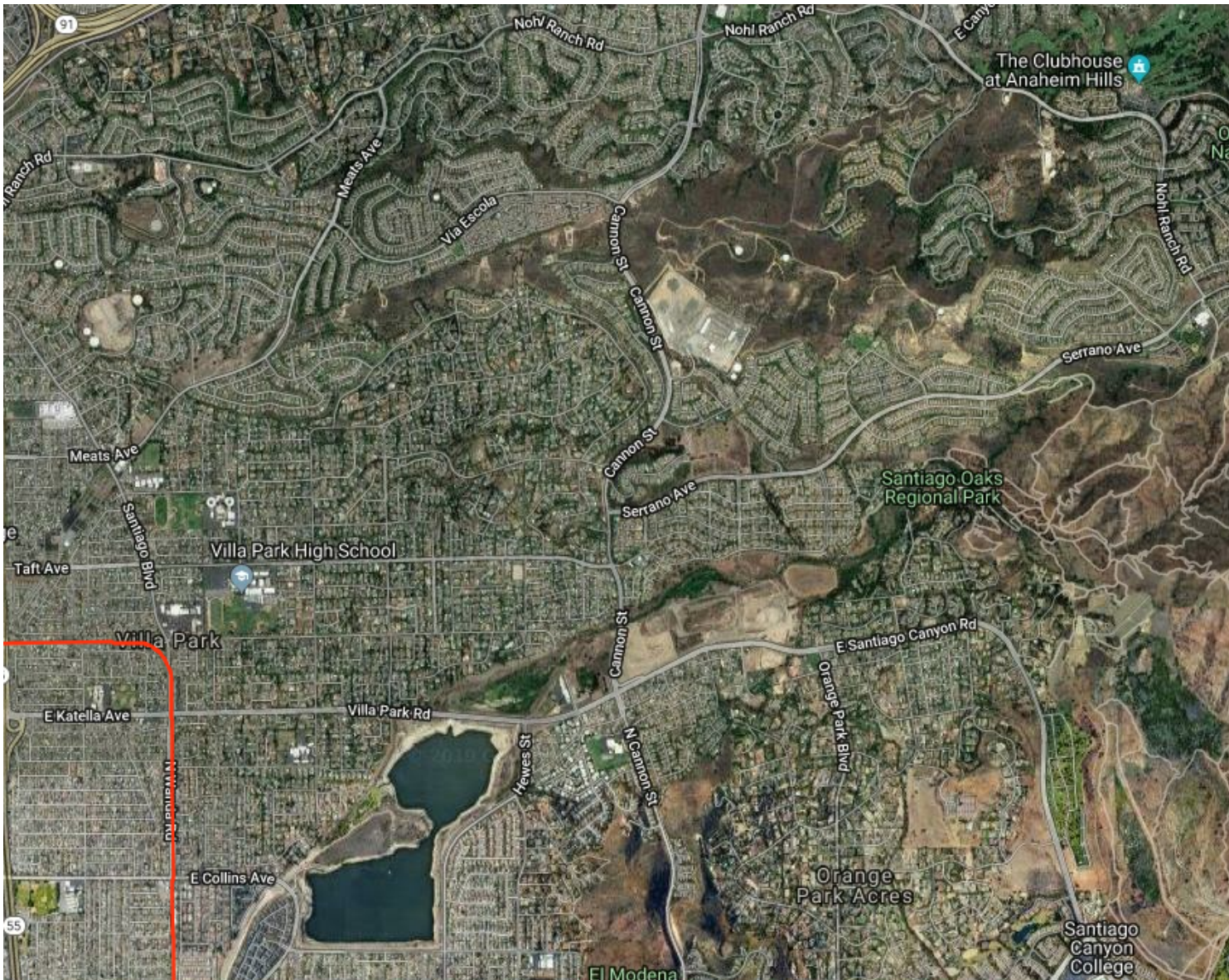


Well Finder

CalGEM GIS

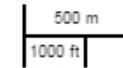
[More Info](#) | [Help](#) | ©





Legend

- Gas Transmission Pipelines
- Hazardous Liquid Pipelines



Pipelines depicted on this map represent gas transmission and hazardous liquid lines only. Gas gathering and gas distribution systems are not represented.

This map should never be used as a substitute for contacting a one-call center prior to excavation activities. Please call 811 before any digging occurs.

Questions regarding this map or its contents can be directed to npms@dot.gov.

Projection: Geographic

Datum: NAD83

Map produced by the Public Viewer application at www.npms.phmsa.dot.gov

Date Printed: Sep 25, 2019



Woo, Winnie

From: Tricia Del Rio <tdelrio@cityoforange.org>
Sent: Monday, January 6, 2020 9:12 AM
To: Woo, Winnie
Subject: EXTERNAL: Striping at Cannon & Serrano

Good morning Winnie,

Thank you for your patience.

The last time Cannon & Serrano was striped was in 2015.

Tricia del Rio
Administrative Assistant
Public Works Department
(714) 744-5549

TELEPHONE LOG

_____	Incoming Call	Job No.	<u>172403</u>
<u>14:53</u>	Outgoing Call	Date	<u>01/03/2020</u>
Individual Contact	<u>NA</u>	By	<u>Winnie Woo</u>
Title	<u>NA</u>	Phone	<u>949.472.3407</u>
Company / Agency	<u>City of Orange, Department of Public Works</u>	Project Name	<u>Cannon Street and Serrano Avenue interchange Improvements</u>
Address	<u>NA</u>		

Subject of Contact:

Items Discussed:

Request information regarding last date of restriping at Cannon Street and Serrano Avenue. Tricia from Public Works said she would email the information to me on Monday.

******SEE PDF OF EMAIL RESPONSE ******

Action to be Taken:

N/A

**APPENDIX D:
QUALIFICATIONS OF THE
ENVIRONMENTAL PROFESSIONAL**

QUALIFICATIONS OF THE ENVIRONMENTAL PROFESSIONAL

QUALIFICATIONS AND EXPERIENCE

Phase I Environmental Site Assessments (ESAs) prepared by Michael Baker reflect the most current interpretations of industry standards, which are in accordance with the ASTM International (ASTM) E 1527-13 Standard Practice for Environmental Site Assessments.

KEY PERSONNEL

This Phase I ESA was overseen by Ms. Kristen Bogue, whom also conducted quality assurance/quality control. Document preparation, research, and records gathering was conducted by Ms. Kristen Bogue, Ms. Danielle Regimbal, and Ms. Winnie Woo. Site reconnaissance was conducted by Ms. Kristen Bogue and Ms. Danielle Regimbal.

Kristen Bogue **Environmental Professional**

Ms. Bogue graduated from the University of California, Irvine, with a degree in Environmental Analysis and Design. Ms. Bogue's professional environmental experience of nine years includes the management, review, and preparation of hazardous material assessments, which include: Phase I Environmental Site Assessments, Initial Site Assessments for the California Department of Transportation (Caltrans), Preliminary Hazardous Material Assessments, Existing Hazardous Material Conditions Assessments, and Environmental Baseline Surveys for the Department of the Navy for sites located throughout California, Arizona, and New Mexico. As an environmental analyst, Ms. Bogue is also involved with preparation of Environmental Documentation compliance with the California Environmental Quality Act (CEQA)/National Environmental Protection Act (NEPA), Visual Impact Assessments (VIAs), field studies, as well as various technical studies in support of CEQA and NEPA. In the past nine years Ms. Bogue has personally evaluated over 250 real properties in California.

Danielle Regimbal
Environmental Analyst

Ms. Regimbal graduated from University of California, Santa Barbara, California, with a degree in Environmental Studies. Ms. Regimbal assists in the preparation of environmental and planning studies for public and private sector clients. As an Environmental Analyst at Michael Baker, Ms. Regimbal is involved with the preparation of several technical studies associated with CEQA documents. Ms. Regimbal's professional environmental experience of 6 years includes the preparation of hazardous material assessments, which include: Phase I Environmental Site Assessments, Initial Site Assessments for the California Department of Transportation (Caltrans), and Preliminary Hazardous Material Assessments for sites located throughout California.

Winnie Woo
Environmental Analyst

Ms. Woo graduated from the Chapman University with a degree in Environmental Science and Policy. Ms. Woo provides assistance in the preparation of environmental and planning studies for public and private sector clients under the California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA). As an environmental analyst at Michael Baker, Ms. Woo's primary responsibilities include the preparation of environmental documents (Initial Studies, Negative Declarations, Environmental Impact Reports, and Environmental Assessments), and technical studies, including Phase I Environmental Site Assessments, for various environmental planning projects located throughout California.